

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016729.D
 Acq On : 20 Dec 2023 16:55
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 00:54:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 00:33:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.807	168	198227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	329129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	276272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	114746	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	266846	147.461	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 294.920%#	
35) Dibromofluoromethane	7.734	113	285421	151.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 302.780%#	
50) Toluene-d8	10.191	98	1065925	156.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 313.680%#	
62) 4-Bromofluorobenzene	12.489	95	334473	151.691	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 303.380%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	219222	129.409	ug/l	97
3) Chloromethane	2.119	50	362113	139.064	ug/l	100
4) Vinyl Chloride	2.260	62	409635	139.274	ug/l	99
5) Bromomethane	2.662	94	299598	143.016	ug/l	96
6) Chloroethane	2.802	64	283011	142.003	ug/l	98
7) Trichlorofluoromethane	3.137	101	481785	140.614	ug/l	100
8) Diethyl Ether	3.540	74	155132	141.536	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.918	101	291210	138.553	ug/l	100
10) Methyl Iodide	4.107	142	323841	147.862	ug/l	98
11) Tert butyl alcohol	5.009	59	88310	595.860	ug/l	99
12) 1,1-Dichloroethene	3.887	96	269532	144.029	ug/l	98
13) Acrolein	3.747	56	50342	479.390	ug/l	99
14) Allyl chloride	4.497	41	422109	147.265	ug/l	99
15) Acrylonitrile	5.186	53	327880	706.387	ug/l	99
16) Acetone	3.973	43	281446	575.158	ug/l	98
17) Carbon Disulfide	4.210	76	739187	145.170	ug/l	100
18) Methyl Acetate	4.497	43	289907	151.599	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	719408	149.406	ug/l	99
20) Methylene Chloride	4.735	84	300157	146.656	ug/l	98
21) trans-1,2-Dichloroethene	5.241	96	312822	146.569	ug/l	99
22) Diisopropyl ether	6.137	45	952005	146.808	ug/l	97
23) Vinyl Acetate	6.082	43	2225626	725.676	ug/l	98
24) 1,1-Dichloroethane	6.039	63	553085	141.983	ug/l	99
25) 2-Butanone	7.009	43	429542	637.561	ug/l	95
26) 2,2-Dichloropropane	7.003	77	493752	145.249	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	358815	146.077	ug/l	99
28) Bromochloromethane	7.356	49	200884	130.293	ug/l	97
29) Tetrahydrofuran	7.368	42	267308	725.607	ug/l	99
30) Chloroform	7.521	83	566600	142.084	ug/l	100
31) Cyclohexane	7.801	56	475487	137.142	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	501656	143.313	ug/l	100
36) 1,1-Dichloropropene	7.935	75	441888	146.200	ug/l	100
37) Ethyl Acetate	7.094	43	186747	141.170	ug/l	99
38) Carbon Tetrachloride	7.917	117	439852	147.065	ug/l	100
39) Methylcyclohexane	9.197	83	550434	157.732	ug/l	98
40) Benzene	8.173	78	1280702	145.608	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	113691	165.288	ug/l	99
42) 1,2-Dichloroethane	8.252	62	327746	142.827	ug/l	99
43) Isopropyl Acetate	8.289	43	378368	150.375	ug/l	99
44) Trichloroethene	8.953	130	328778	146.455	ug/l	99
45) 1,2-Dichloropropane	9.228	63	316460	143.433	ug/l	99
46) Dibromomethane	9.319	93	164288	144.138	ug/l	100
47) Bromodichloromethane	9.508	83	433883	144.428	ug/l	98
48) Methyl methacrylate	9.301	41	219893	155.814	ug/l	100
49) 1,4-Dioxane	9.319	88	33652	3041.921	ug/l	91
51) 4-Methyl-2-Pentanone	10.081	43	1009111	752.710	ug/l	98
52) Toluene	10.252	92	796425	151.099	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	419371	153.095	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	498556	150.888	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	233602	143.648	ug/l	98
56) Ethyl methacrylate	10.520	69	234336	163.873	ug/l	100
57) 1,3-Dichloropropane	10.801	76	395939	143.343	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	391439	389.638	ug/l	100
59) 2-Hexanone	10.837	43	711597	711.842	ug/l	98
60) Dibromochloromethane	10.996	129	276557	147.009	ug/l	99
61) 1,2-Dibromoethane	11.099	107	214191	146.869	ug/l	100
64) Tetrachloroethene	10.728	164	258665	150.721	ug/l	98
65) Chlorobenzene	11.526	112	808710	148.988	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	310798	152.182	ug/l	99
67) Ethyl Benzene	11.599	91	1556171	155.762	ug/l	100
68) m/p-Xylenes	11.709	106	1148412	311.284	ug/l	99
69) o-Xylene	12.038	106	535146	158.113	ug/l	100
70) Styrene	12.050	104	797728	159.281	ug/l	100
71) Bromoform	12.215	173	155652	152.874	ug/l #	98
73) Isopropylbenzene	12.337	105	1417624	158.632	ug/l	99
74) N-amyl acetate	12.148	43	316083	168.053	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	266869	149.438	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	325612	256.301	ug/l #	100
77) Bromobenzene	12.617	156	303885	155.872	ug/l	99
78) n-propylbenzene	12.678	91	1670676	154.300	ug/l	100
79) 2-Chlorotoluene	12.764	91	921187	153.755	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	1104700	156.162	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	84897	157.180	ug/l	97
82) 4-Chlorotoluene	12.861	91	939898	152.917	ug/l	99
83) tert-Butylbenzene	13.081	119	950435	154.460	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	1104563	158.349	ug/l	98
85) sec-Butylbenzene	13.264	105	1381073	151.534	ug/l	99
86) p-Isopropyltoluene	13.380	119	1197138	157.724	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	590600	155.013	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	555770	149.387	ug/l	100
89) n-Butylbenzene	13.703	91	1113363	153.450	ug/l	99
90) Hexachloroethane	13.971	117	237567	150.314	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	491212	151.337	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	34592	149.430	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	279547	162.313	ug/l	98
94) Hexachlorobutadiene	15.123	225	145036	148.266	ug/l	99
95) Naphthalene	15.245	128	575579	147.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	237759	162.092	ug/l	99

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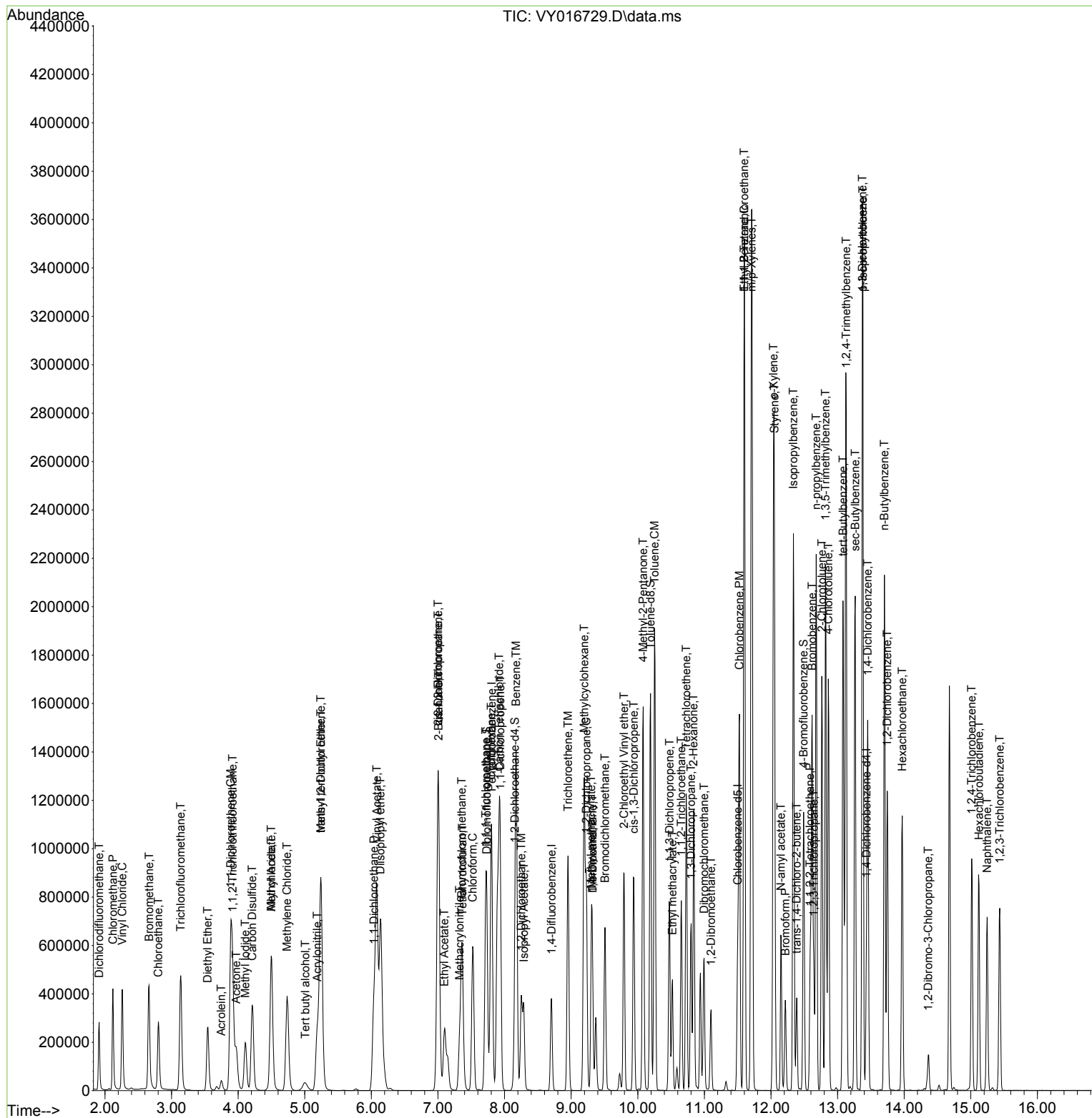
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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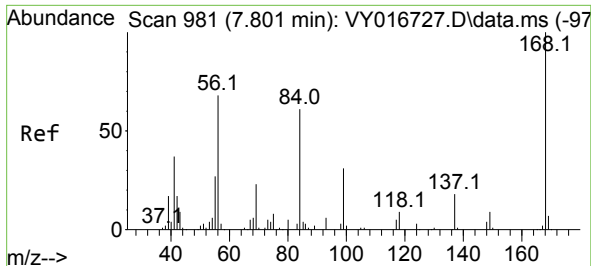
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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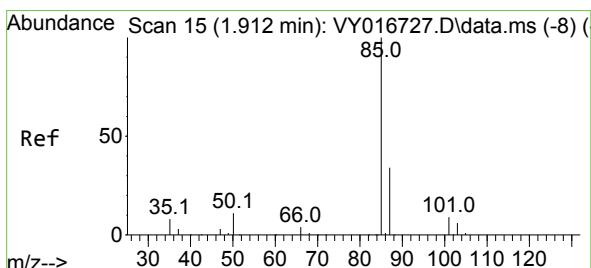
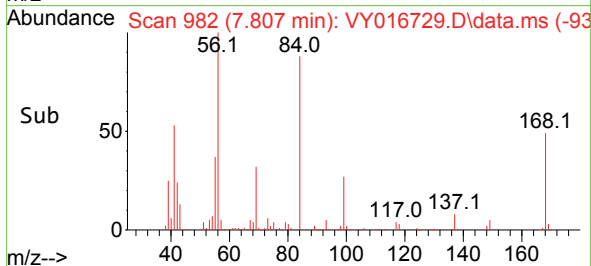
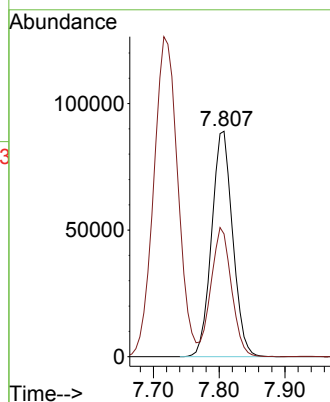
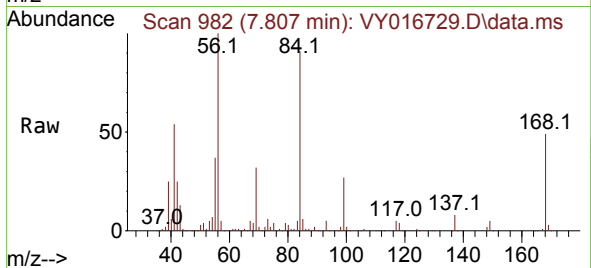




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
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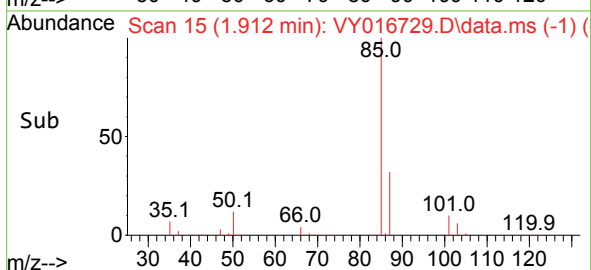
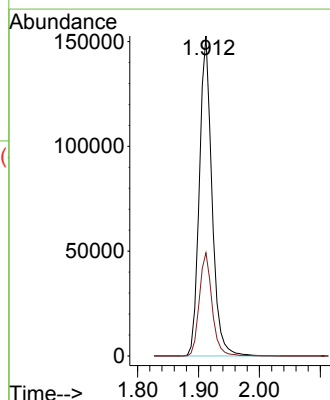
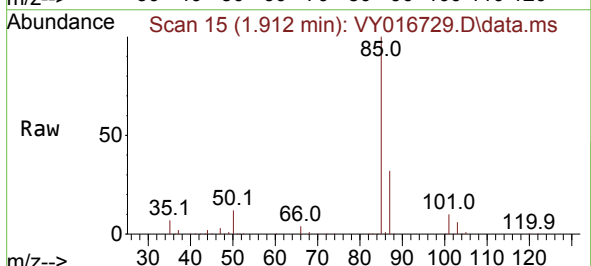
Instrument :
MSVOA_Y
ClientSampleId :

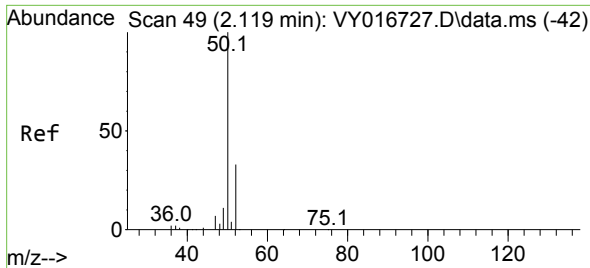
Tgt Ion:168 Resp: 198227
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 129.409 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 85 Resp: 219222
Ion Ratio Lower Upper
85 100
87 32.3 17.1 51.3

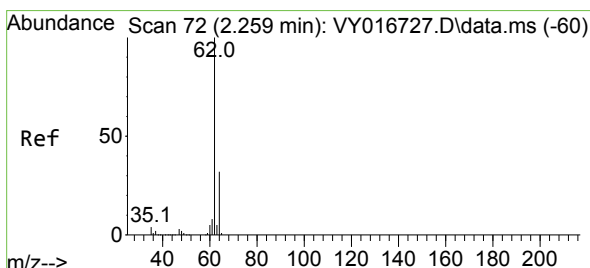
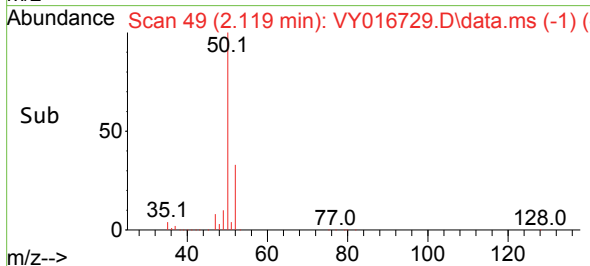
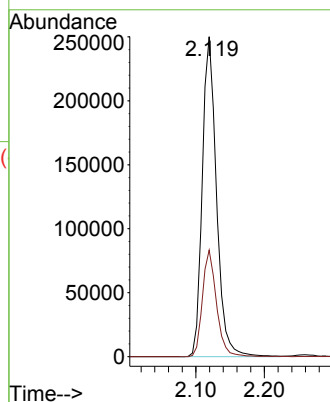
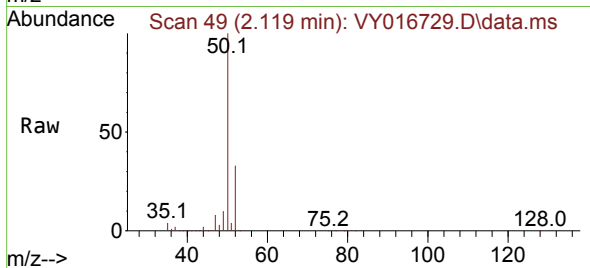




#3
Chloromethane
Concen: 139.064 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

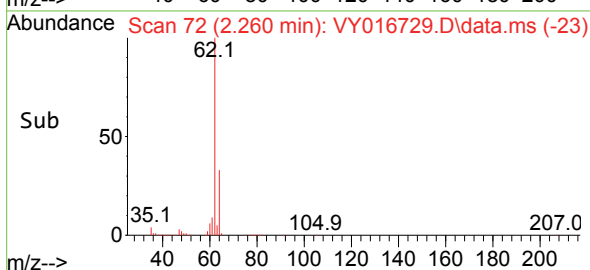
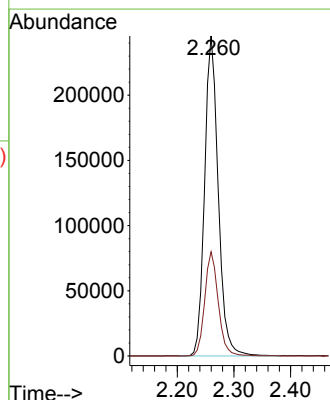
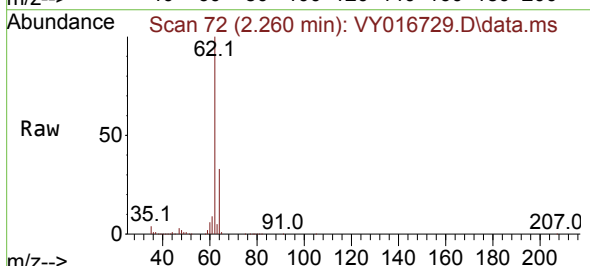
Instrument :
MSVOA_Y
ClientSampleId :

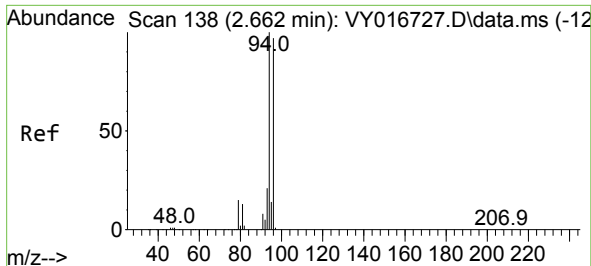
Tgt Ion: 50 Resp: 362113
Ion Ratio Lower Upper
50 100
52 33.3 26.7 40.1



#4
Vinyl Chloride
Concen: 139.274 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 62 Resp: 409635
Ion Ratio Lower Upper
62 100
64 32.6 25.7 38.5

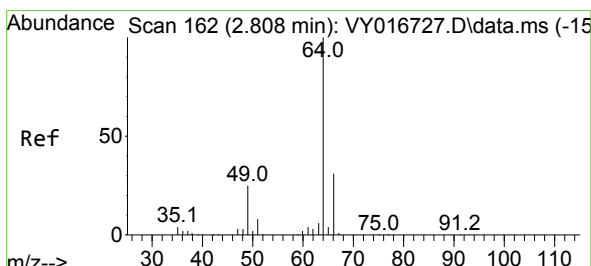
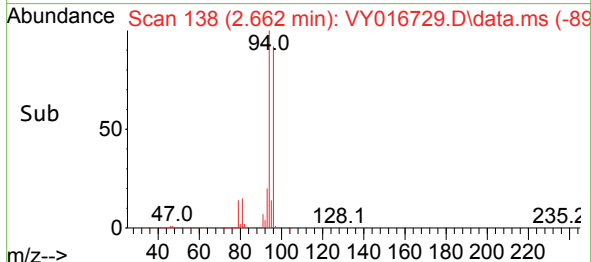
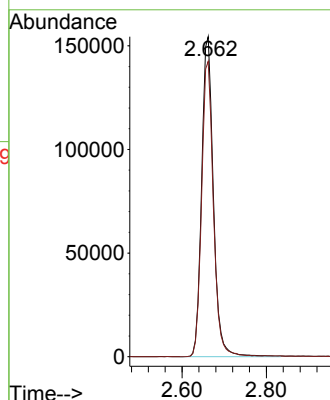
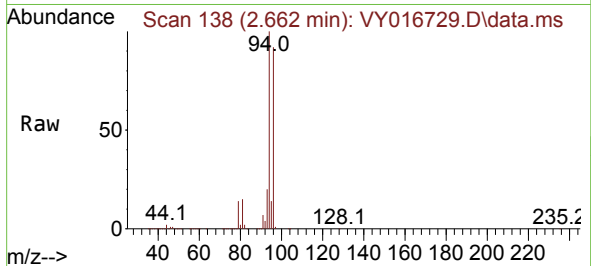




#5
Bromomethane
Concen: 143.016 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.000 min
Lab File: VY016729.D
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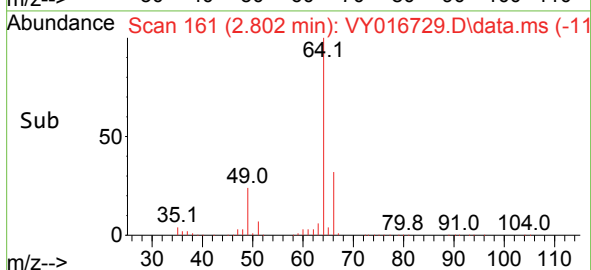
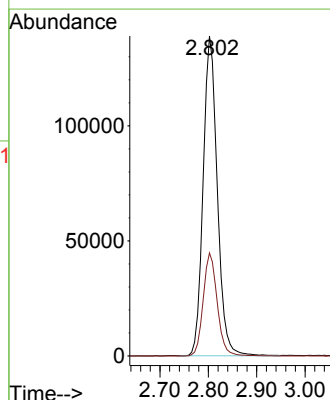
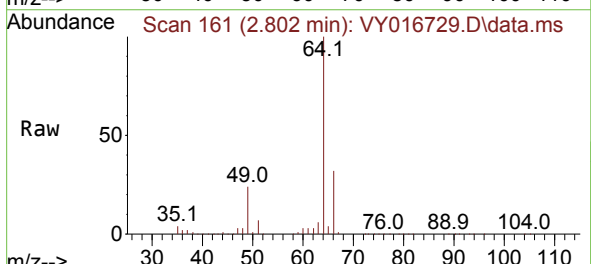
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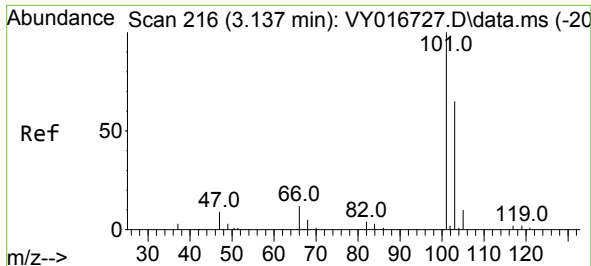
Tgt Ion: 94 Resp: 299598
Ion Ratio Lower Upper
94 100
96 92.3 77.3 115.9



#6
Chloroethane
Concen: 142.003 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 64 Resp: 283011
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7

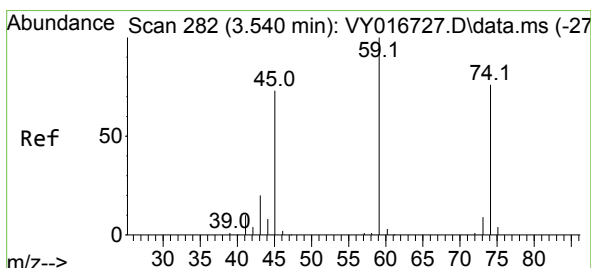
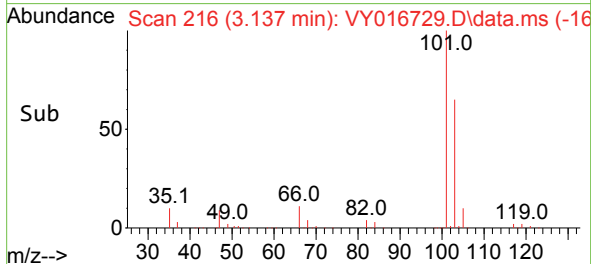
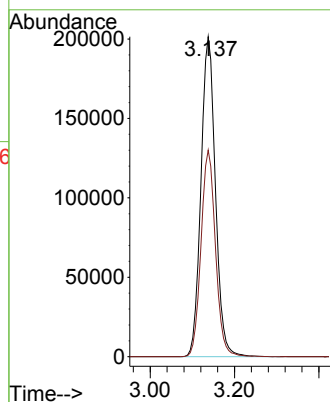
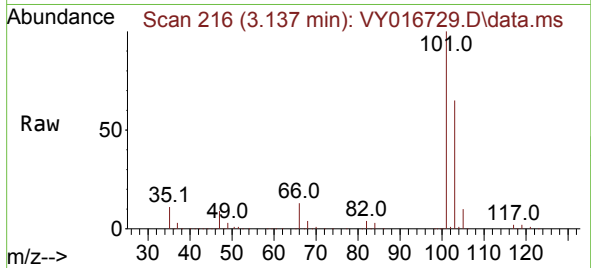




#7
 Trichlorofluoromethane
 Concen: 140.614 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016729.D
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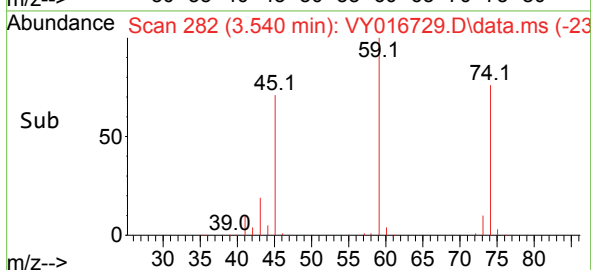
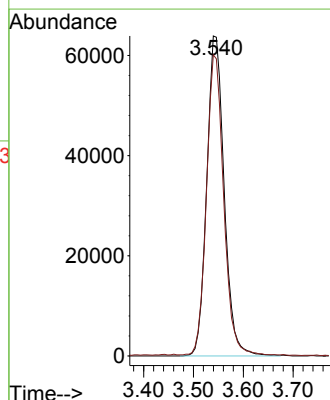
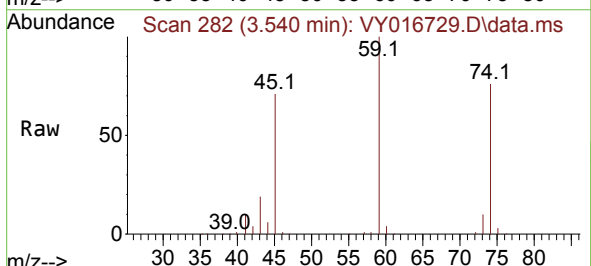
Instrument :
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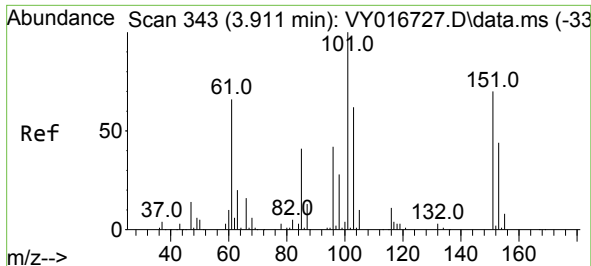
Tgt Ion:101 Resp: 481785
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.9 77.9



#8
 Diethyl Ether
 Concen: 141.536 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 155132
 Ion Ratio Lower Upper
 74 100
 45 92.3 47.9 143.7

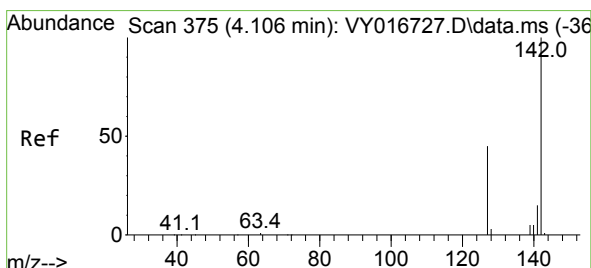
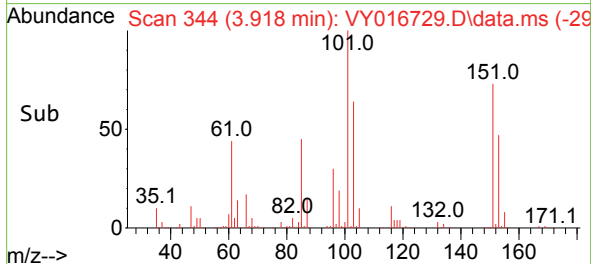
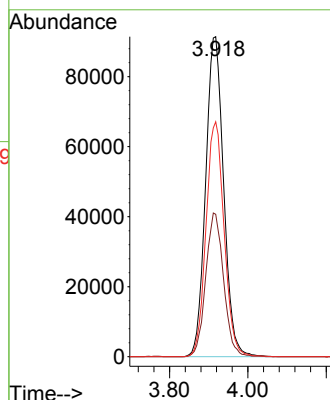
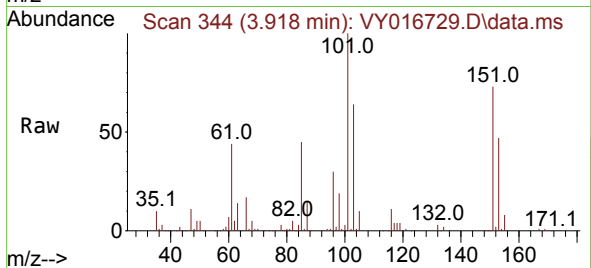




#9
1,1,2-Trichlorotrifluoroethane
Concen: 138.553 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

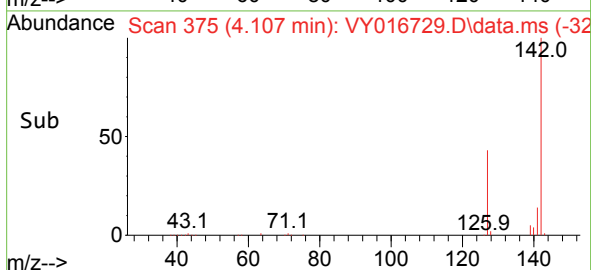
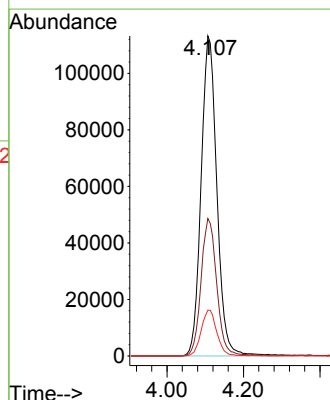
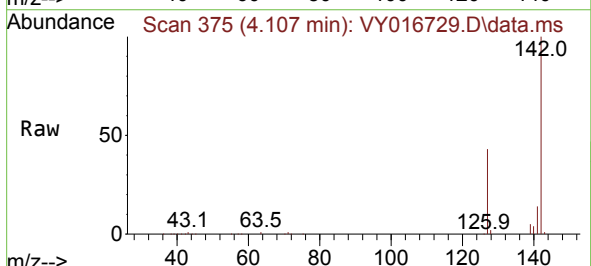
Instrument :
MSVOA_Y
ClientSampleId :

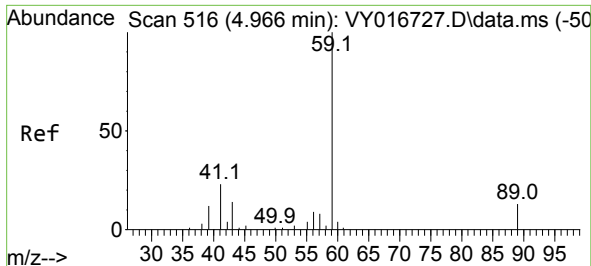
Tgt Ion:101 Resp: 291210
Ion Ratio Lower Upper
101 100
85 44.5 35.8 53.6
151 73.8 58.6 88.0



#10
Methyl Iodide
Concen: 147.862 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

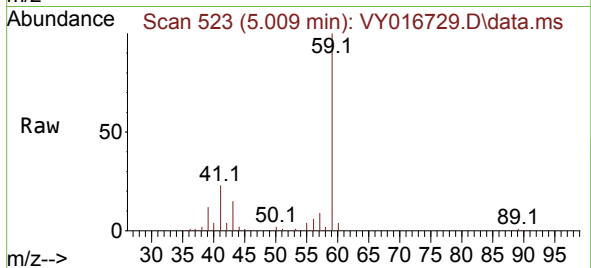
Tgt Ion:142 Resp: 323841
Ion Ratio Lower Upper
142 100
127 42.6 35.1 52.7
141 14.3 11.8 17.6



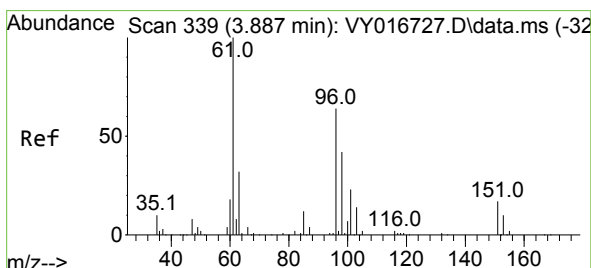
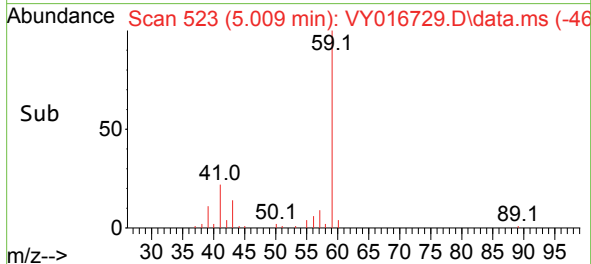
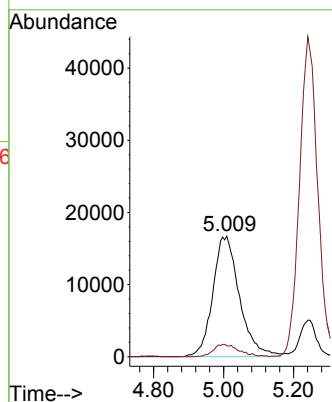


#11
Tert butyl alcohol
Concen: 595.860 ug/l
RT: 5.009 min Scan# 516
Delta R.T. 0.043 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Instrument :
MSVOA_Y
ClientSampleId :

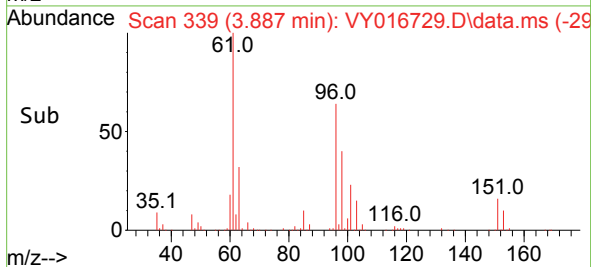
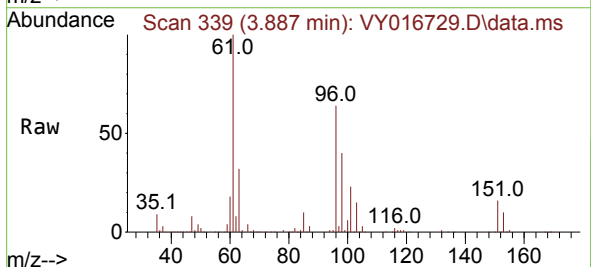
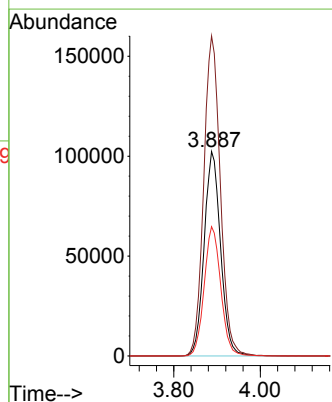


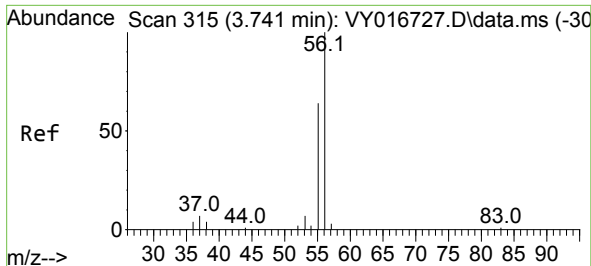
Tgt Ion: 59 Resp: 88310
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.0



#12
1,1-Dichloroethene
Concen: 144.029 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 96 Resp: 269532
Ion Ratio Lower Upper
96 100
61 156.4 124.2 186.2
98 63.2 52.6 79.0





#13

Acrolein

Concen: 479.390 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

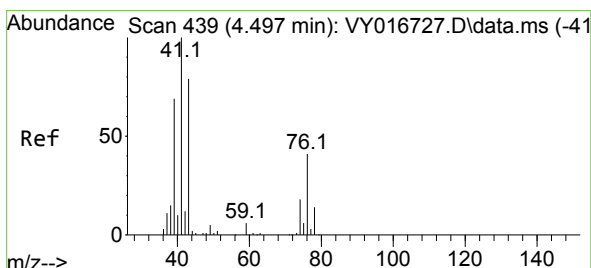
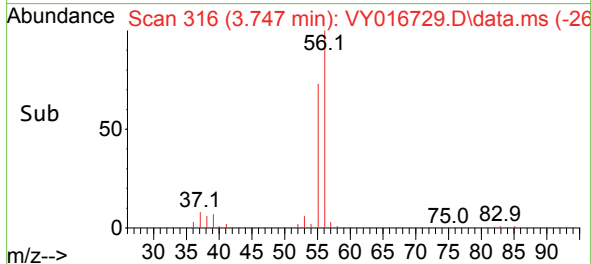
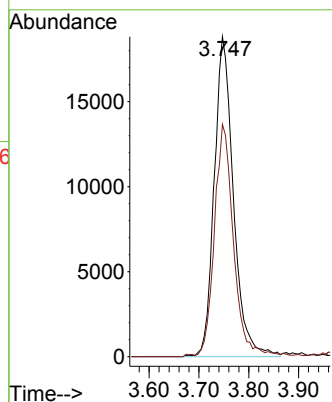
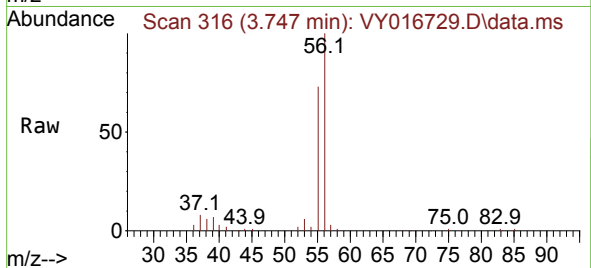
ClientSampleId :

Tgt Ion: 56 Resp: 50342

Ion Ratio Lower Upper

56 100

55 70.3 55.4 83.0



#14

Allyl chloride

Concen: 147.265 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

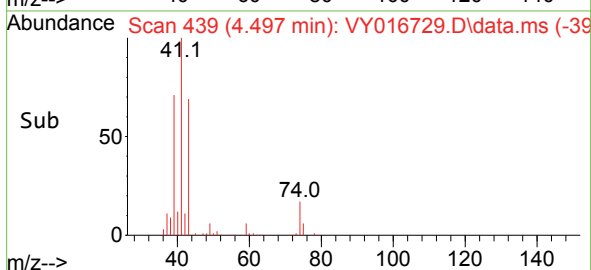
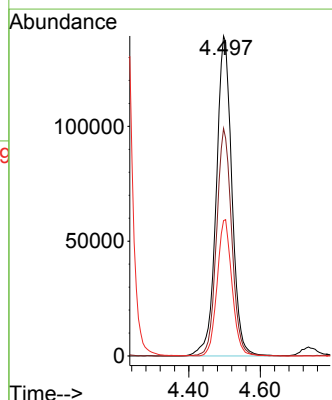
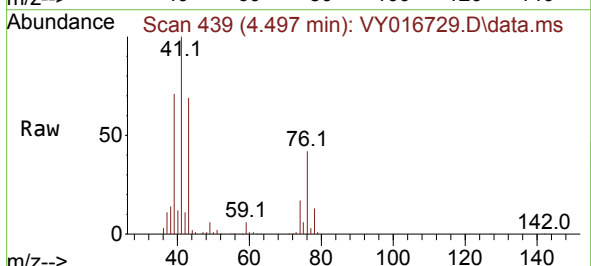
Tgt Ion: 41 Resp: 422109

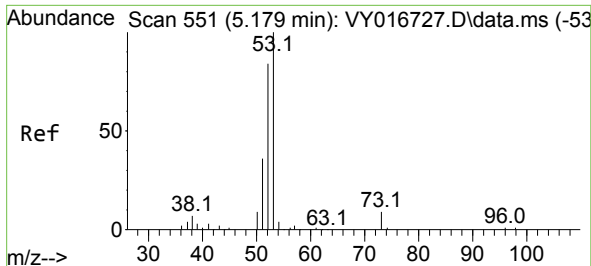
Ion Ratio Lower Upper

41 100

39 69.0 54.7 82.1

76 40.6 31.8 47.6





#15

Acrylonitrile

Concen: 706.387 ug/l

RT: 5.186 min Scan# 51

Delta R.T. 0.007 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

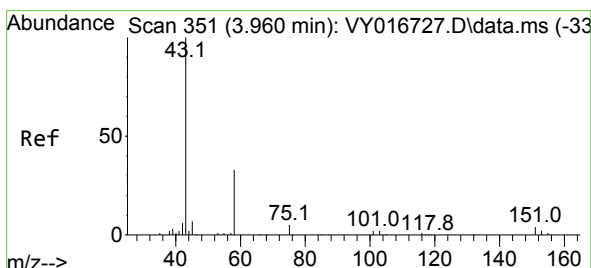
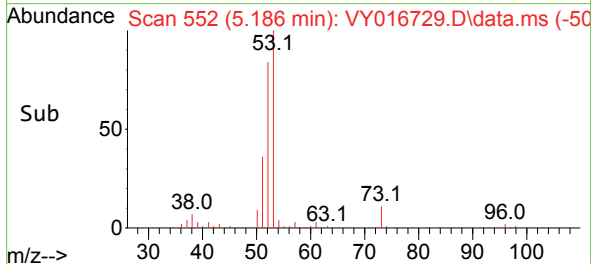
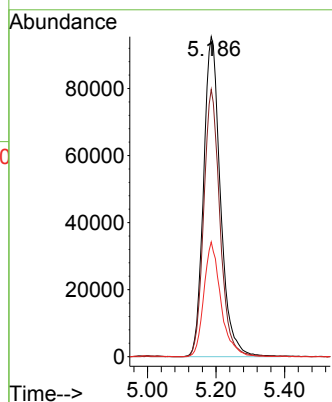
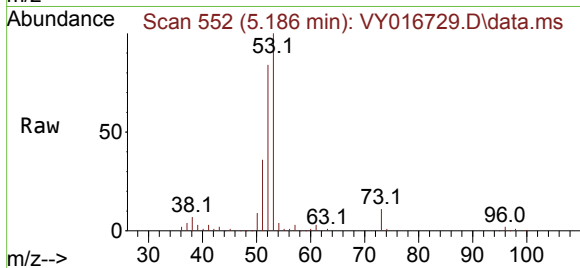
Tgt Ion: 53 Resp: 327880

Ion Ratio Lower Upper

53 100

52 80.3 65.1 97.7

51 36.2 29.0 43.4



#16

Acetone

Concen: 575.158 ug/l

RT: 3.973 min Scan# 353

Delta R.T. 0.013 min

Lab File: VY016729.D

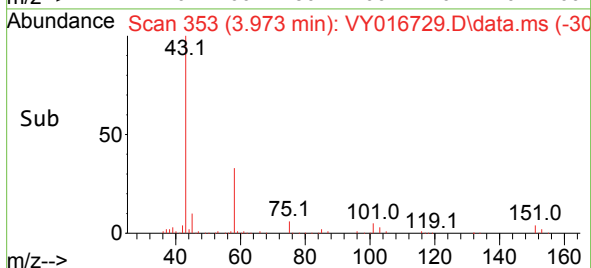
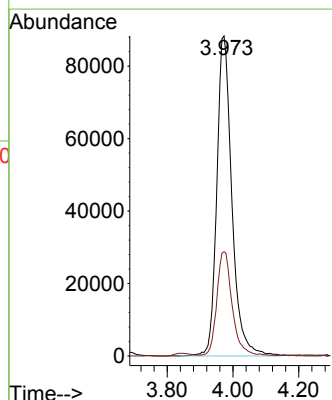
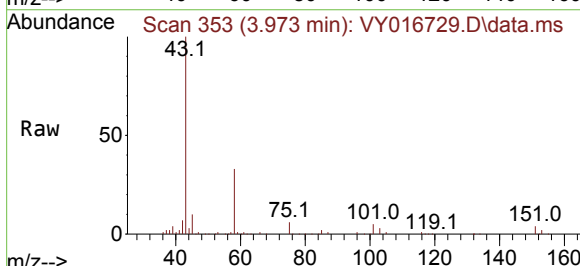
Acq: 20 Dec 2023 16:55

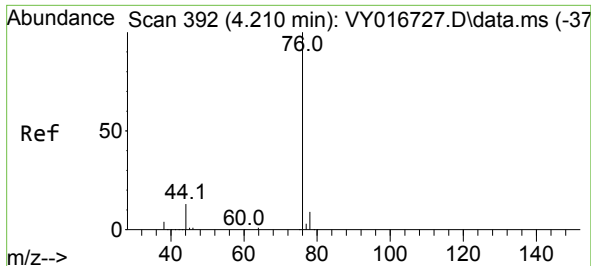
Tgt Ion: 43 Resp: 281446

Ion Ratio Lower Upper

43 100

58 32.3 26.6 39.8

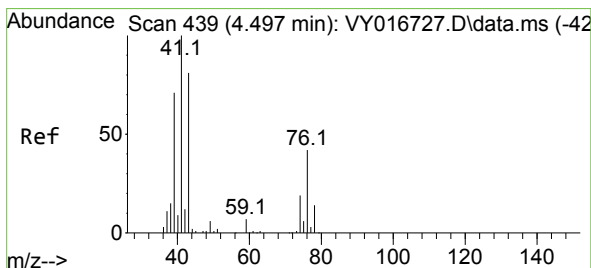
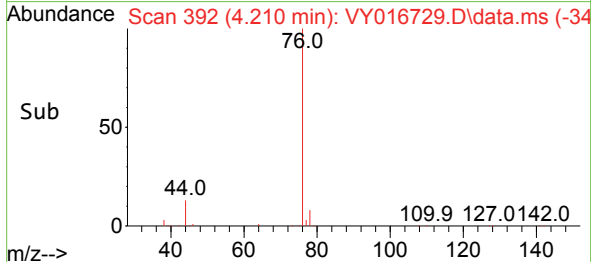
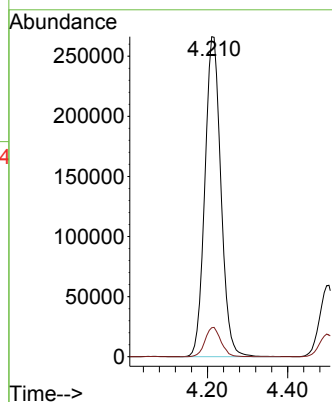
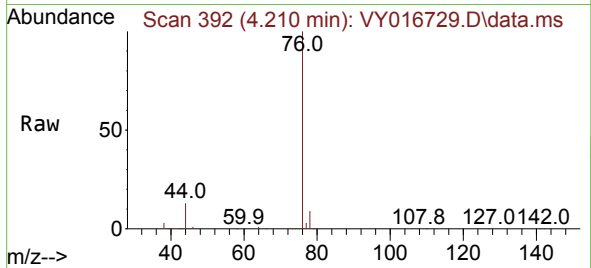




#17
Carbon Disulfide
Concen: 145.170 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

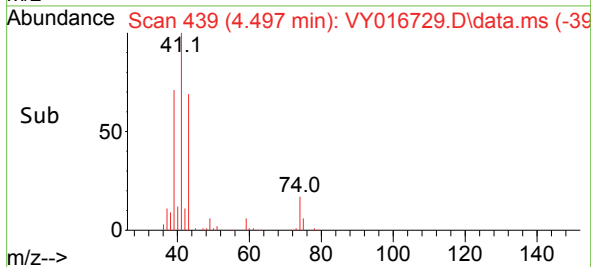
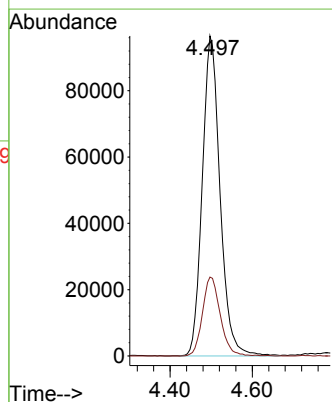
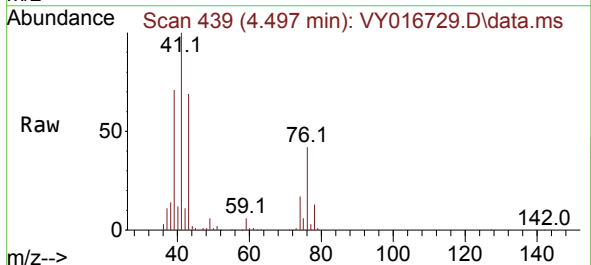
Instrument :
MSVOA_Y
ClientSampleId :

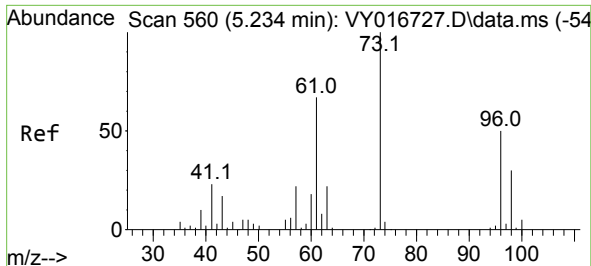
Tgt Ion: 76 Resp: 739187
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 151.599 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 43 Resp: 289907
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6

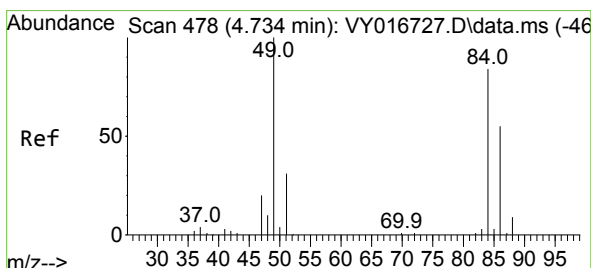
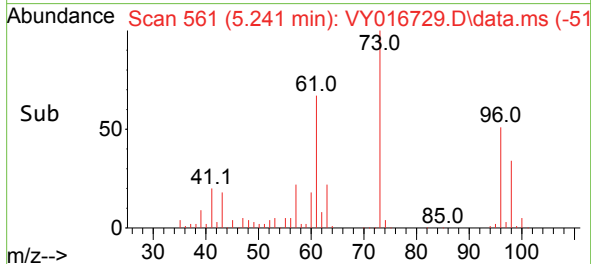
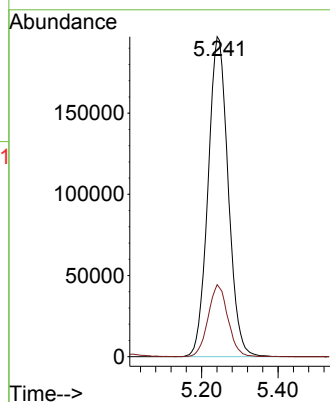
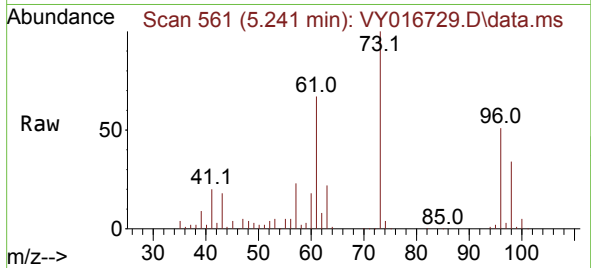




#19
Methyl tert-butyl Ether
Concen: 149.406 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

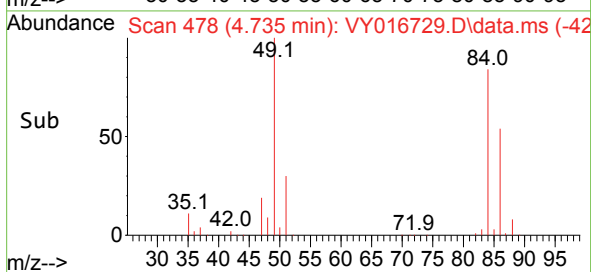
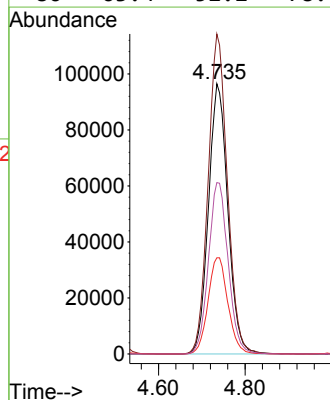
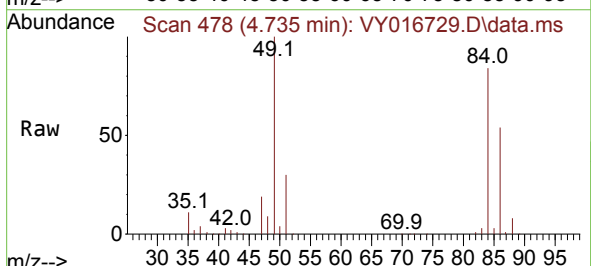
Instrument :
MSVOA_Y
ClientSampleId :

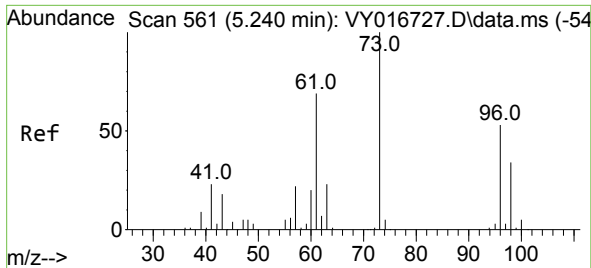
Tgt Ion: 73 Resp: 719408
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5



#20
Methylene Chloride
Concen: 146.656 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

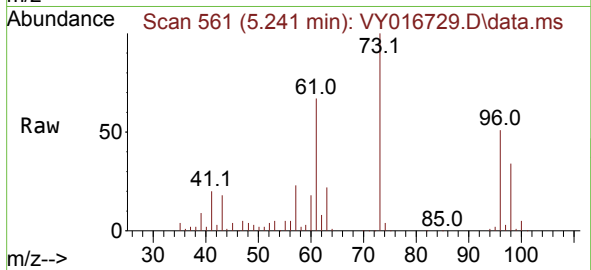
Tgt Ion: 84 Resp: 300157
Ion Ratio Lower Upper
84 100
49 118.4 95.2 142.8
51 35.6 29.9 44.9
86 63.4 52.2 78.4





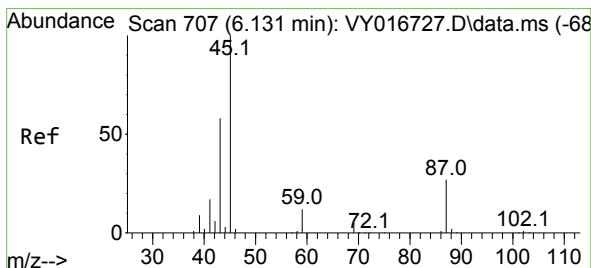
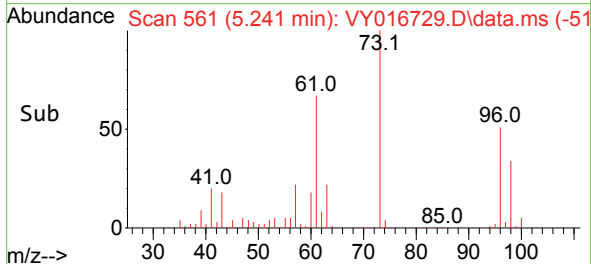
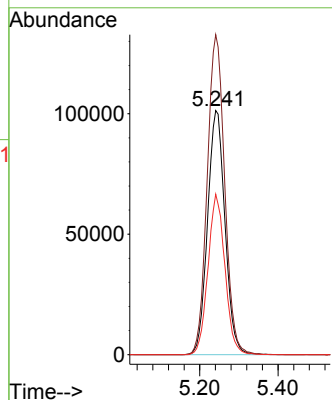
#21
trans-1,2-Dichloroethene
Concen: 146.569 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 96 Resp: 312822

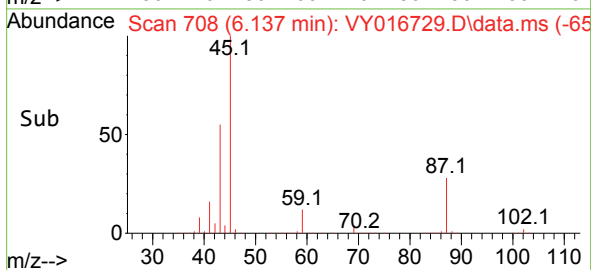
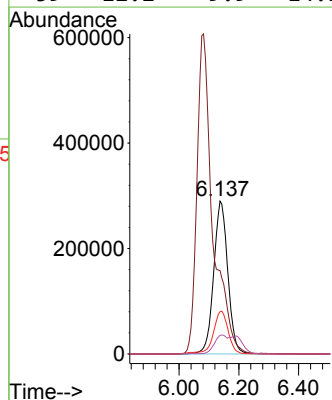
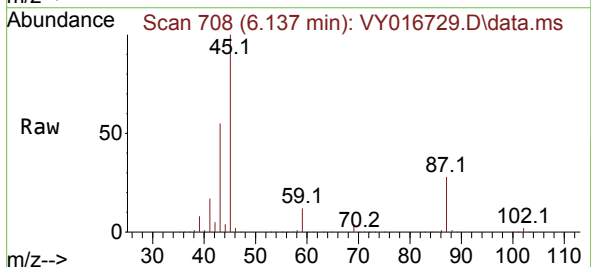
Ion	Ratio	Lower	Upper
96	100		
61	131.1	104.6	156.8
98	65.7	50.9	76.3

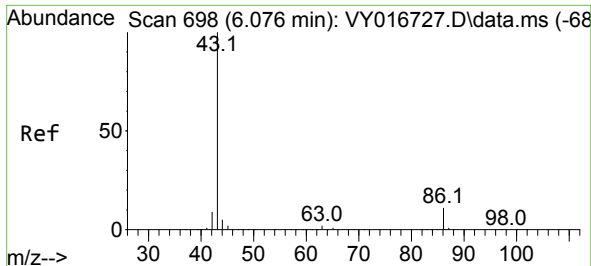


#22
Diisopropyl ether
Concen: 146.808 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 45 Resp: 952005

Ion	Ratio	Lower	Upper
45	100		
43	54.5	46.8	70.2
87	27.6	22.2	33.2
59	12.2	9.9	14.9

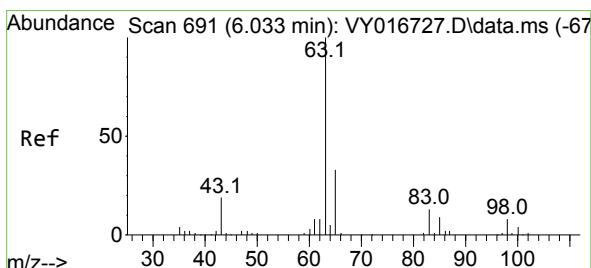
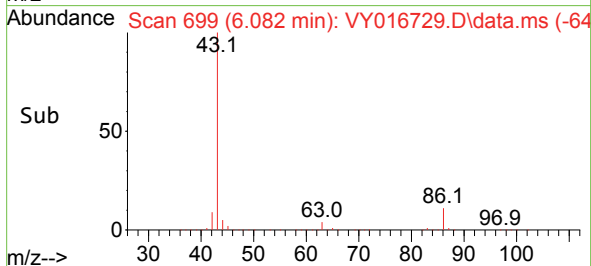
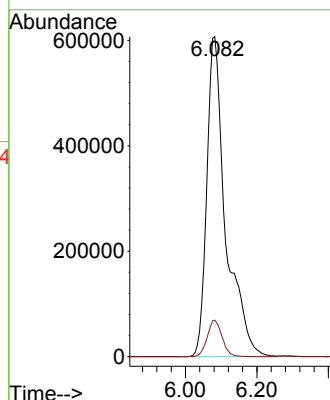
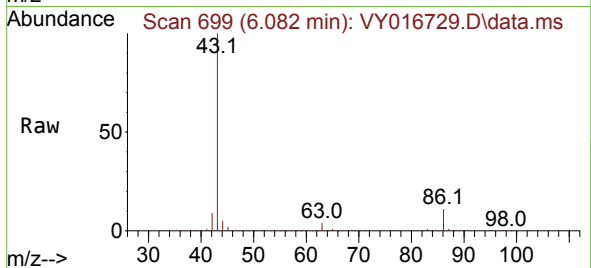




#23
 Vinyl Acetate
 Concen: 725.676 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016729.D
 Acq: 20 Dec 2023 16:55

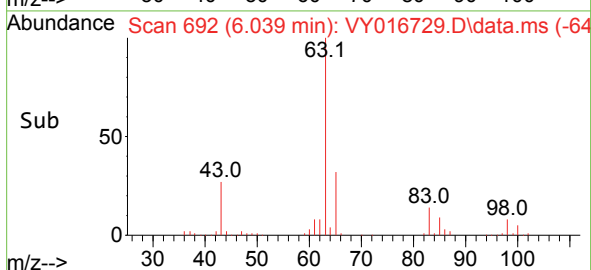
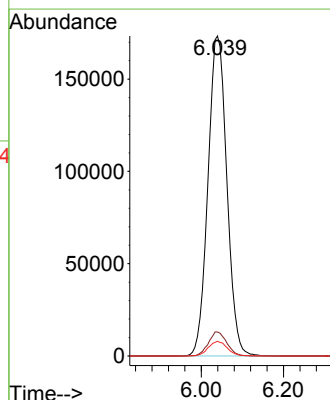
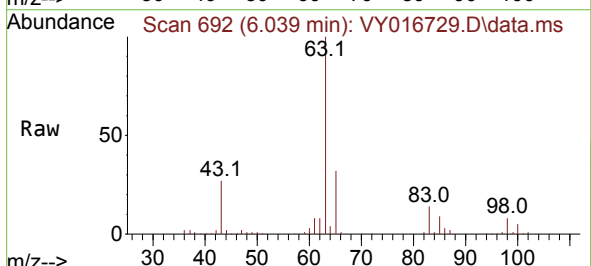
Instrument :
 MSVOA_Y
 ClientSampleId :

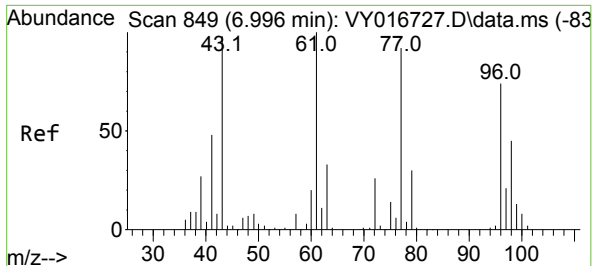
Tgt Ion: 43 Resp: 2225626
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 141.983 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016729.D
 Acq: 20 Dec 2023 16:55

Tgt Ion: 63 Resp: 553085
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.6 2.1 6.2





#25

2-Butanone

Concen: 637.561 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

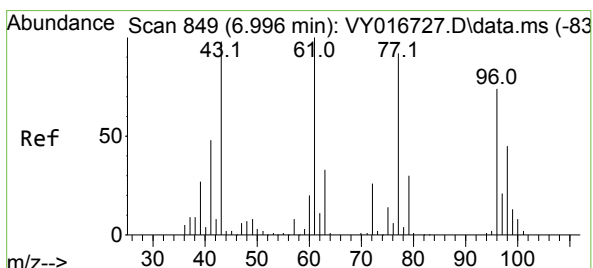
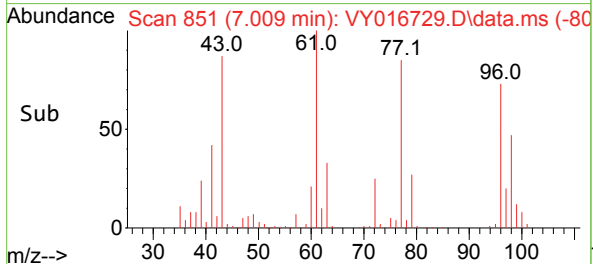
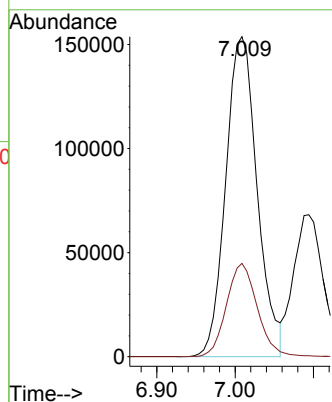
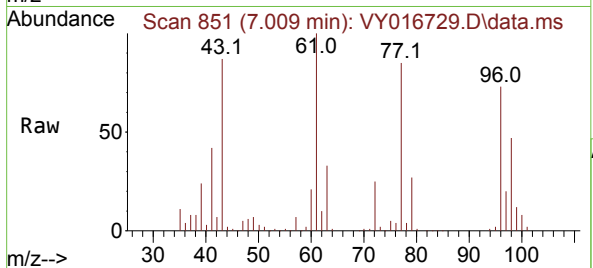
ClientSampleId :

Tgt Ion: 43 Resp: 429542

Ion Ratio Lower Upper

43 100

72 29.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 145.249 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016729.D

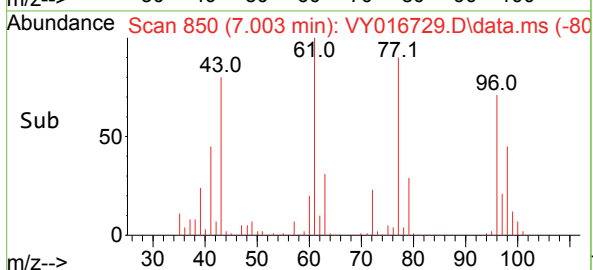
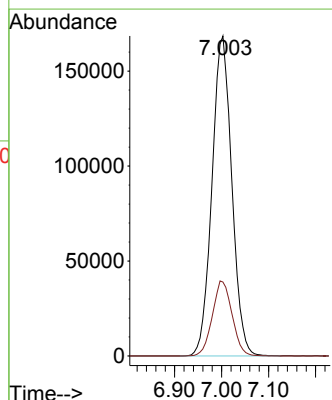
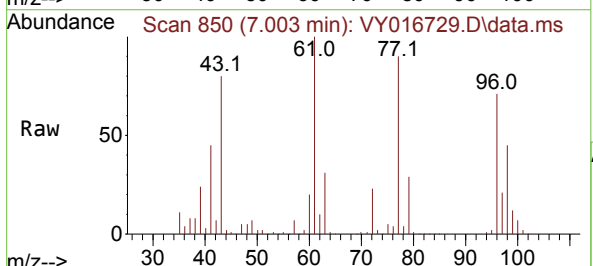
Acq: 20 Dec 2023 16:55

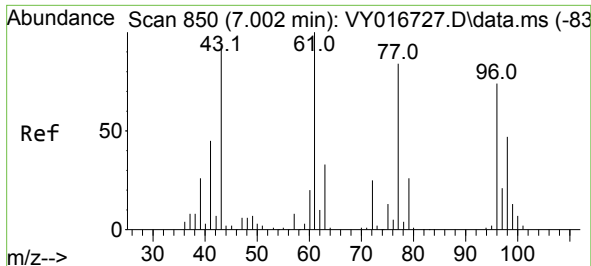
Tgt Ion: 77 Resp: 493752

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 146.077 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

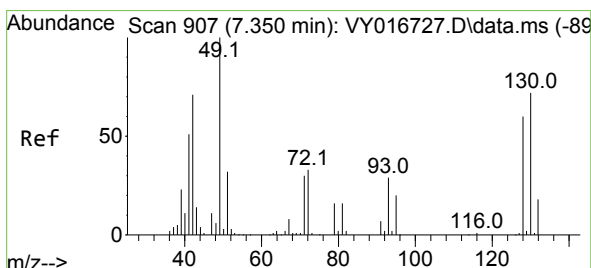
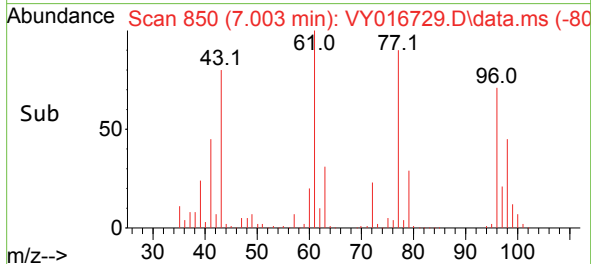
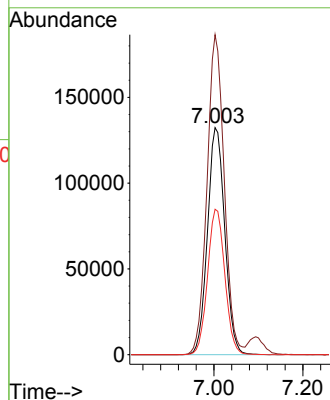
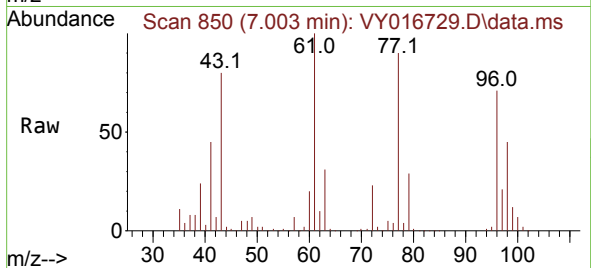
Tgt Ion: 96 Resp: 358815

Ion Ratio Lower Upper

96 100

61 140.6 0.0 278.8

98 64.1 0.0 127.0



#28

Bromochloromethane

Concen: 130.293 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

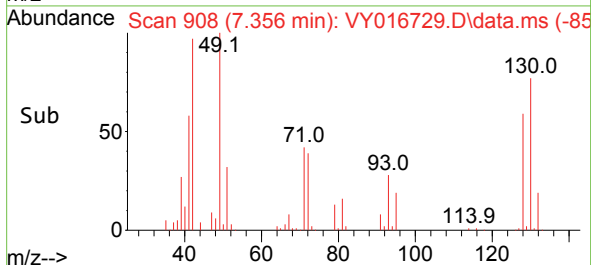
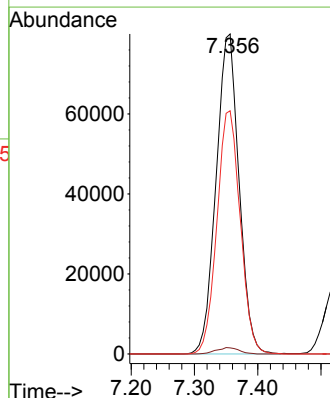
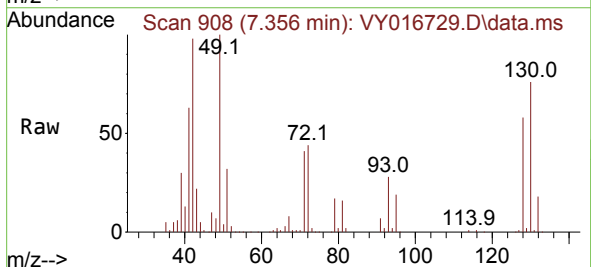
Tgt Ion: 49 Resp: 200884

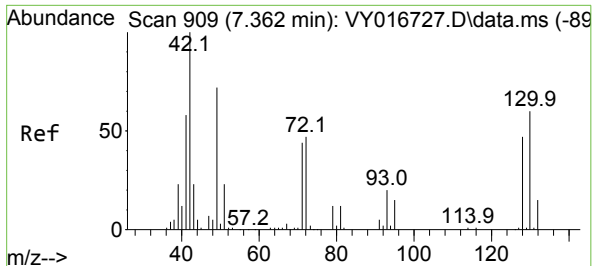
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 77.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 725.607 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

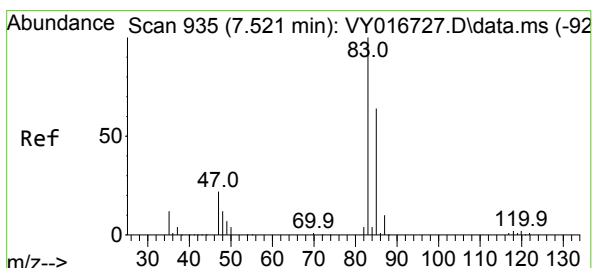
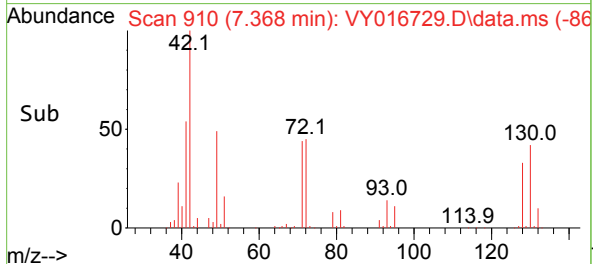
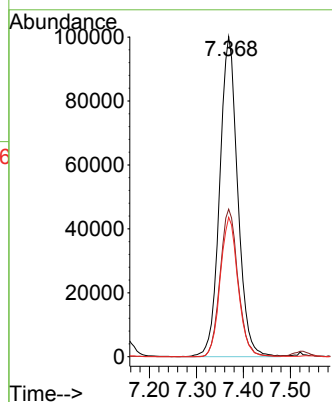
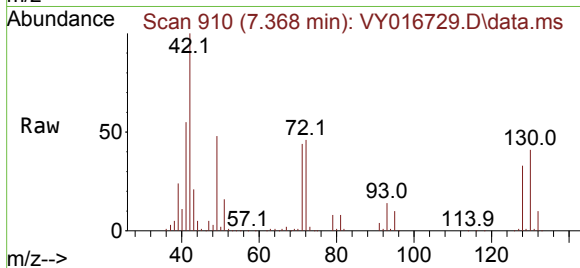
Tgt Ion: 42 Resp: 267308

Ion Ratio Lower Upper

42 100

72 45.9 36.6 54.8

71 43.0 33.8 50.6



#30

Chloroform

Concen: 142.084 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY016729.D

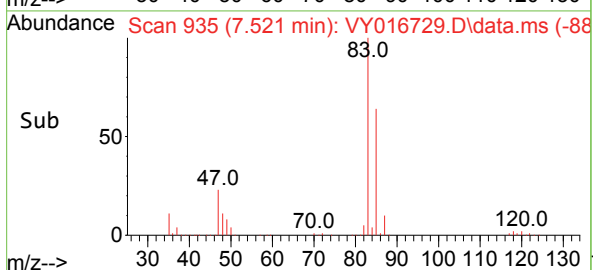
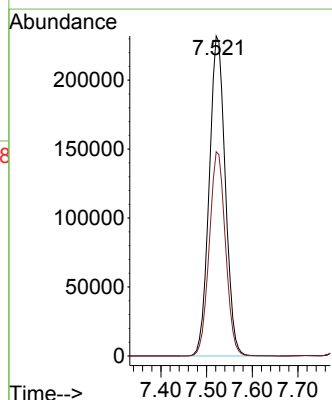
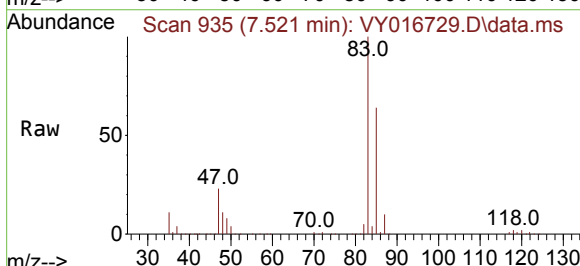
Acq: 20 Dec 2023 16:55

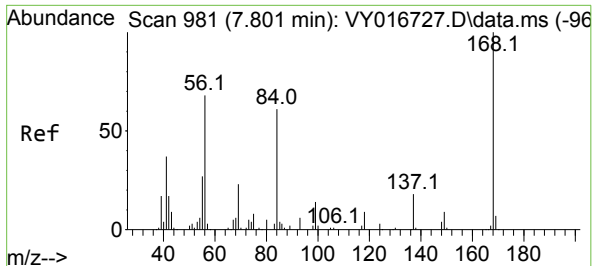
Tgt Ion: 83 Resp: 566600

Ion Ratio Lower Upper

83 100

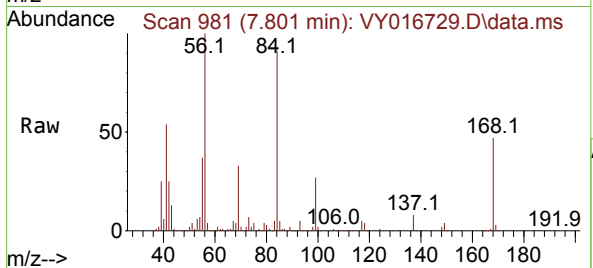
85 63.8 51.2 76.8



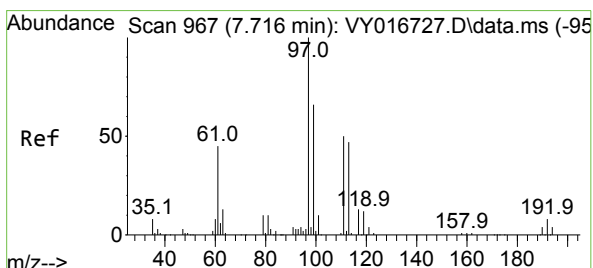
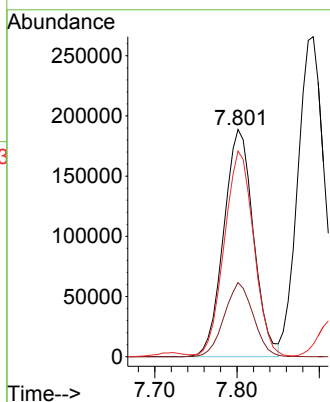
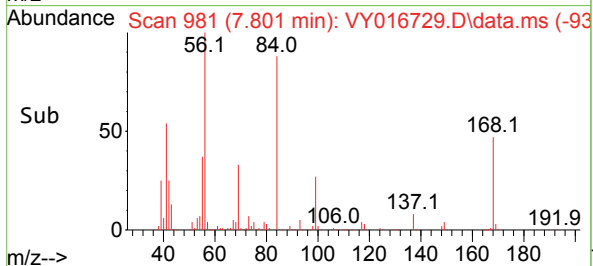


#31
Cyclohexane
Concen: 137.142 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Instrument :
MSVOA_Y
ClientSampleId :

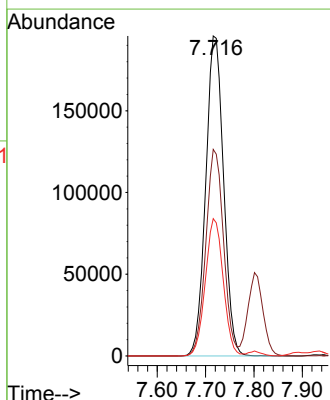
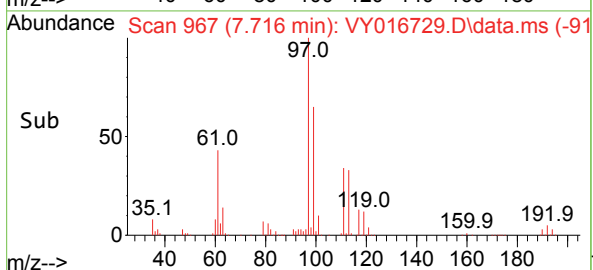
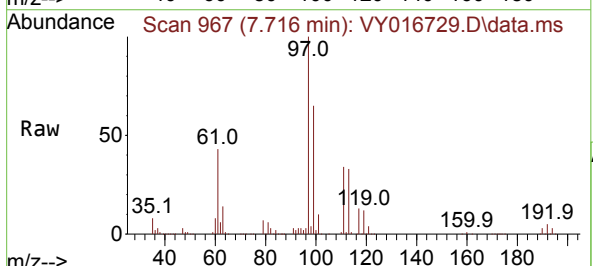


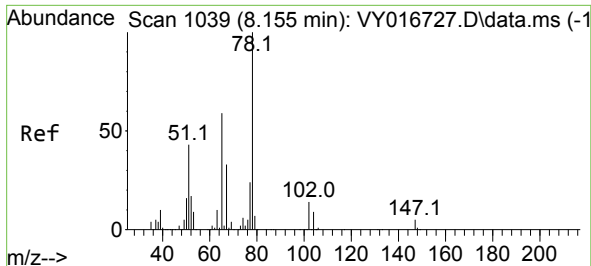
Tgt Ion: 56 Resp: 475487
Ion Ratio Lower Upper
56 100
69 32.6 27.0 40.6
84 89.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 143.313 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 97 Resp: 501656
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 43.2 35.0 52.6

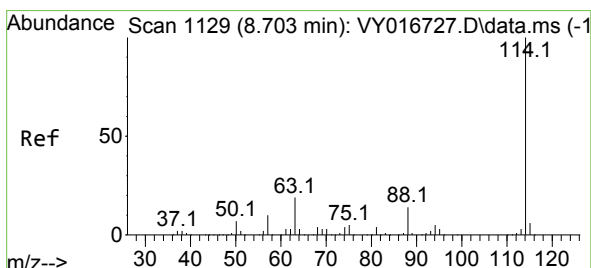
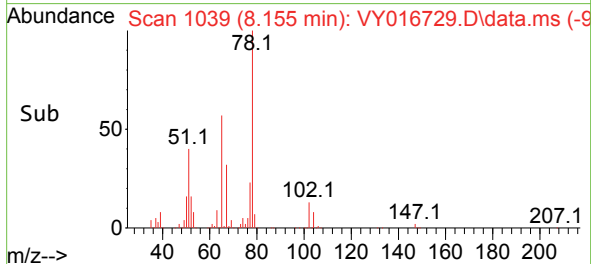
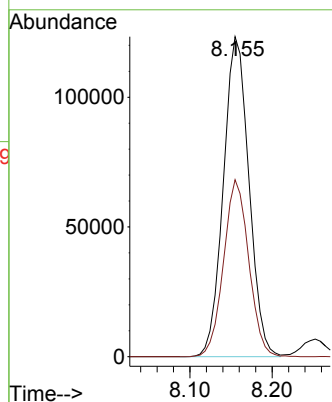
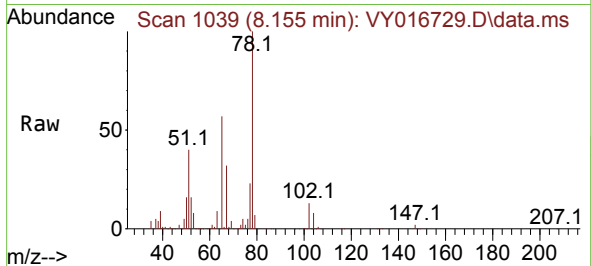




#33
 1,2-Dichloroethane-d4
 Concen: 147.461 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY016729.D
 Acq: 20 Dec 2023 16:55

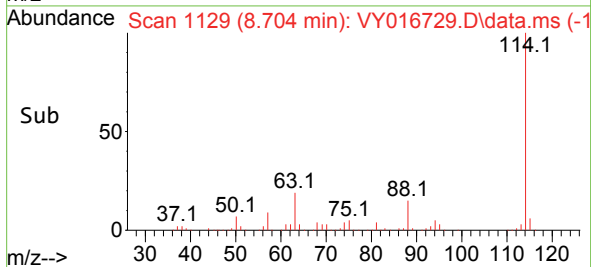
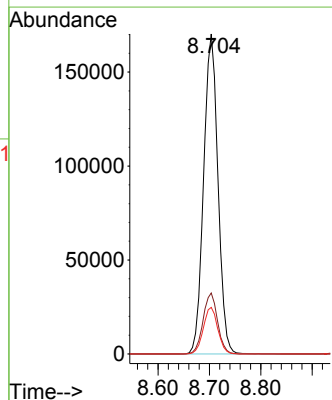
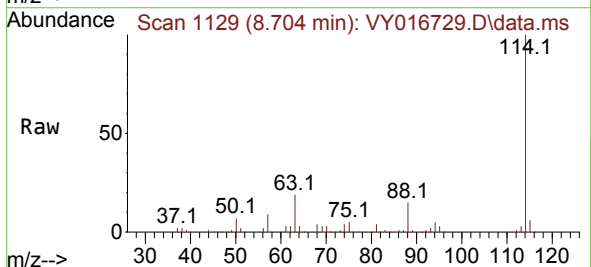
Instrument :
 MSVOA_Y
 ClientSampleId :

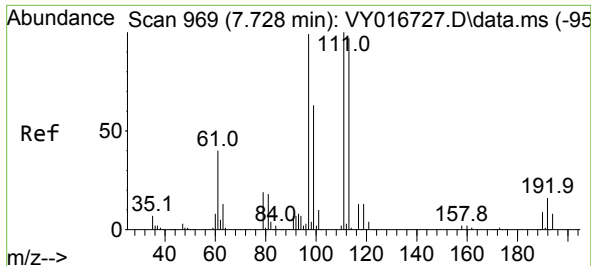
Tgt Ion: 65 Resp: 266846
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.704 min Scan# 1129
 Delta R.T. 0.001 min
 Lab File: VY016729.D
 Acq: 20 Dec 2023 16:55

Tgt Ion: 114 Resp: 329129
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.4
 88 14.6 0.0 29.0

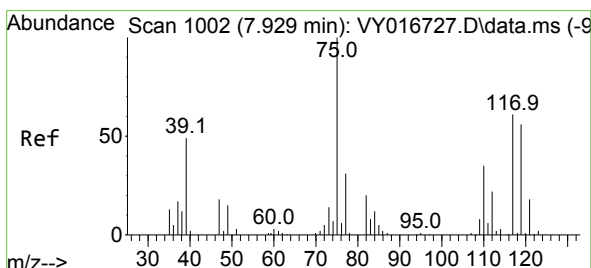
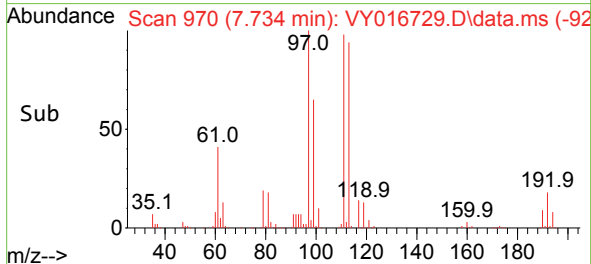
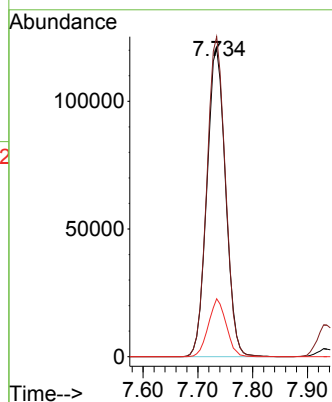
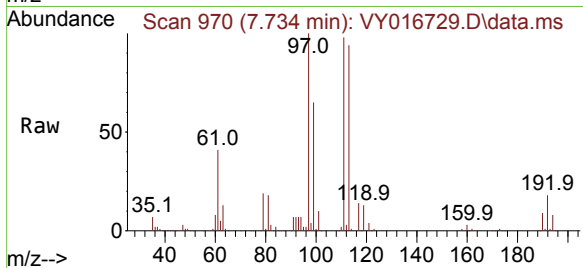




#35
Dibromofluoromethane
Concen: 151.390 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

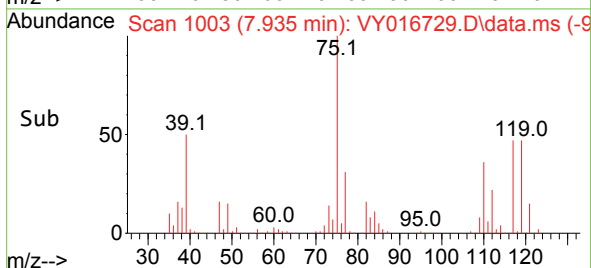
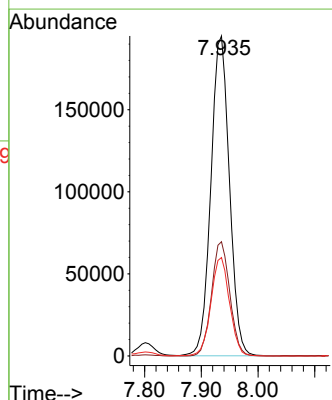
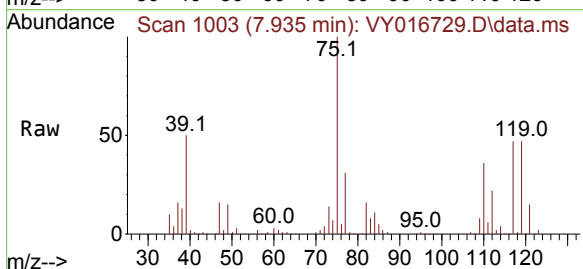
Instrument :
MSVOA_Y
ClientSampleId :

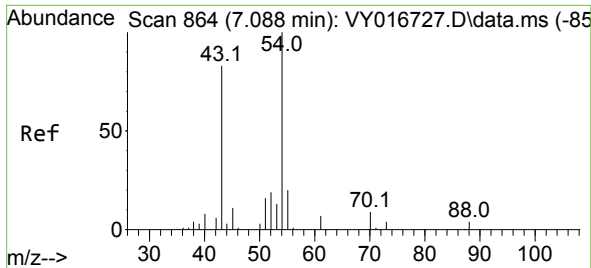
Tgt Ion:113 Resp: 285421
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 146.200 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 75 Resp: 441888
Ion Ratio Lower Upper
75 100
110 35.2 17.4 52.3
77 31.0 24.7 37.1

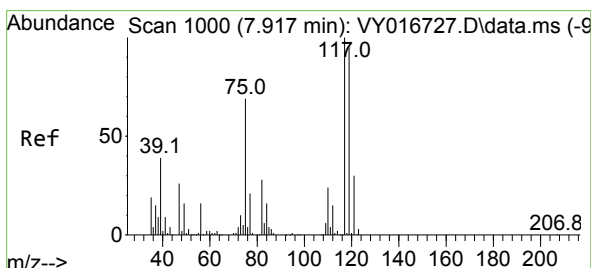
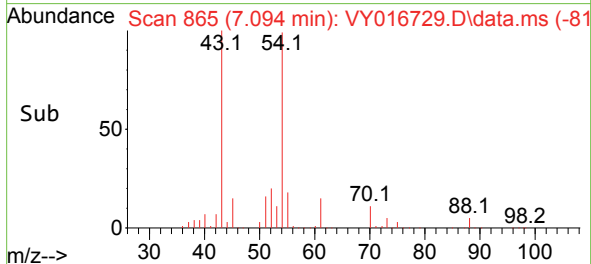
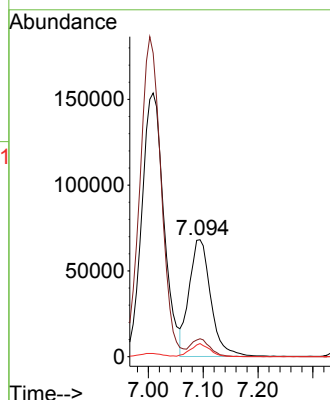
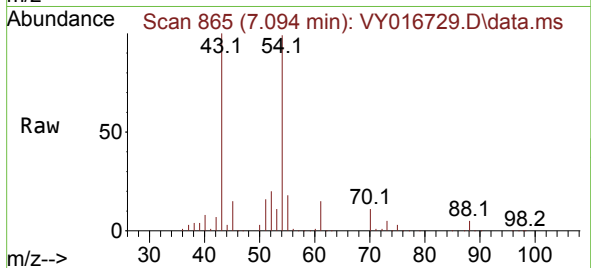




#37
Ethyl Acetate
Concen: 141.170 ug/l
RT: 7.094 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

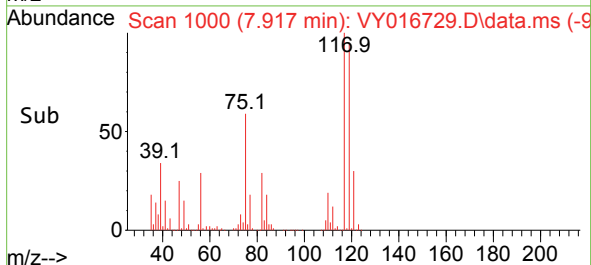
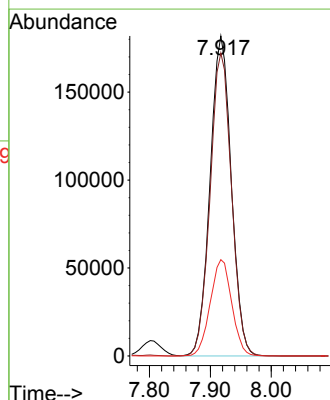
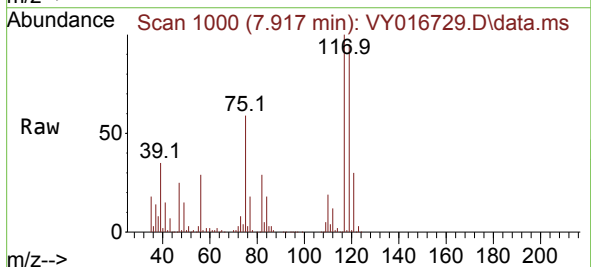
Instrument :
MSVOA_Y
ClientSampleId :

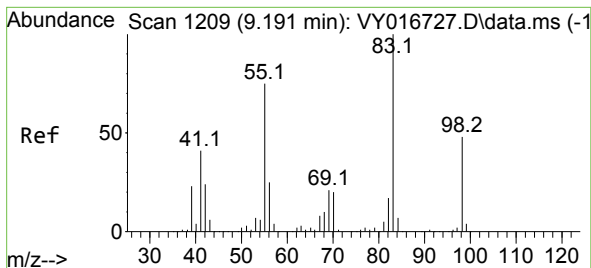
Tgt Ion: 43 Resp: 186747
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.6
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 147.065 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 117 Resp: 439852
Ion Ratio Lower Upper
117 100
119 94.7 76.0 114.0
121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 157.732 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

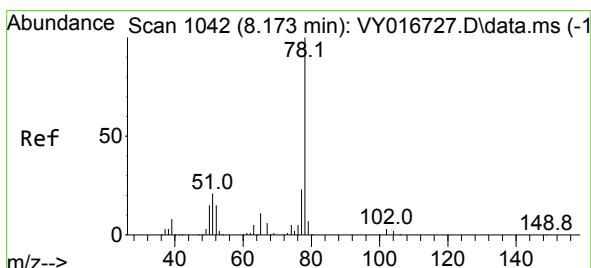
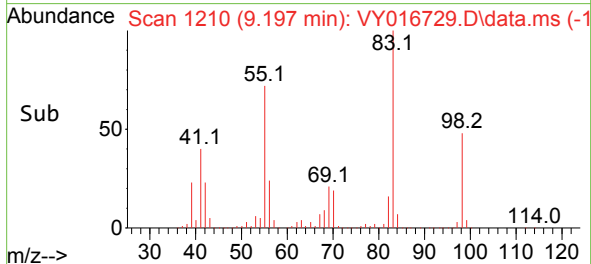
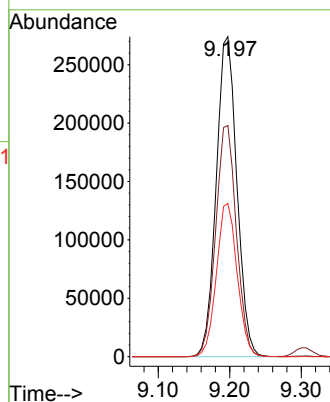
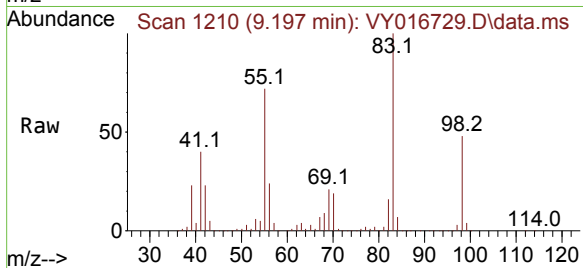
Tgt Ion: 83 Resp: 550434

Ion Ratio Lower Upper

83 100

55 72.2 59.7 89.5

98 47.9 38.0 57.0



#40

Benzene

Concen: 145.608 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016729.D

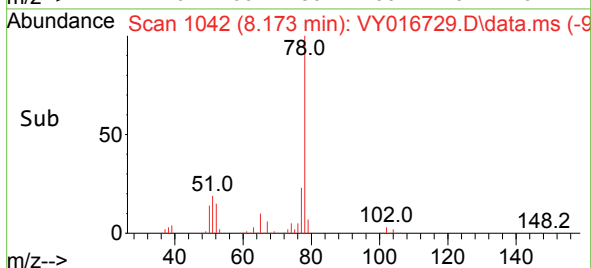
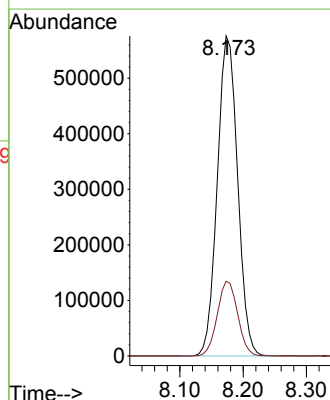
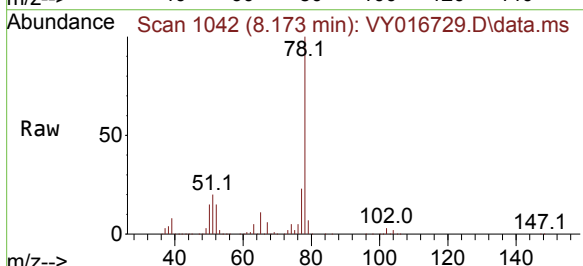
Acq: 20 Dec 2023 16:55

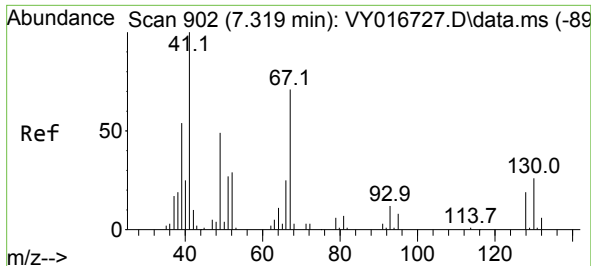
Tgt Ion: 78 Resp: 1280702

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2



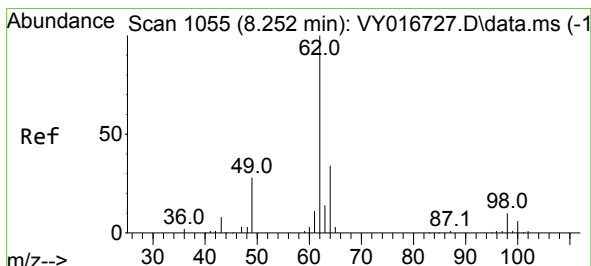
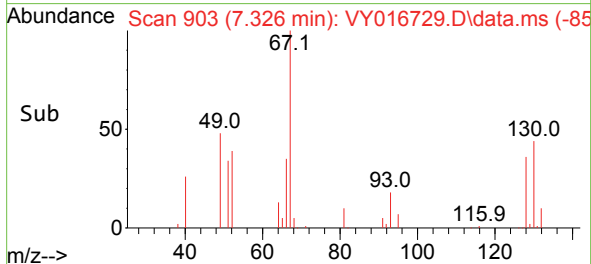
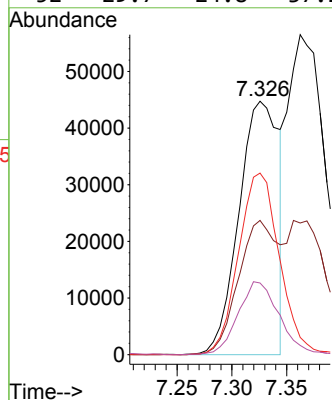
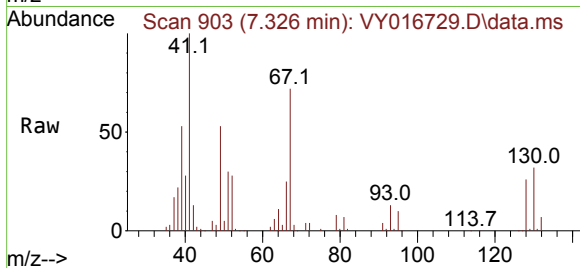


#41
Methacrylonitrile
Concen: 165.288 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 113691

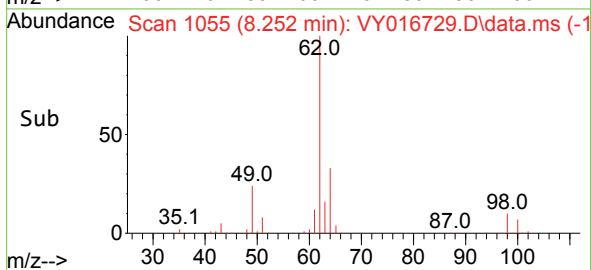
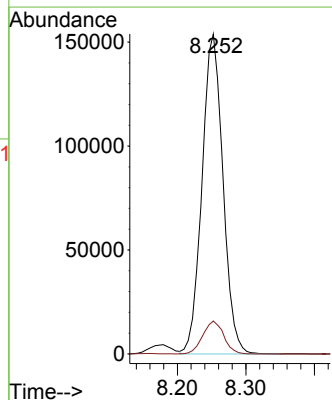
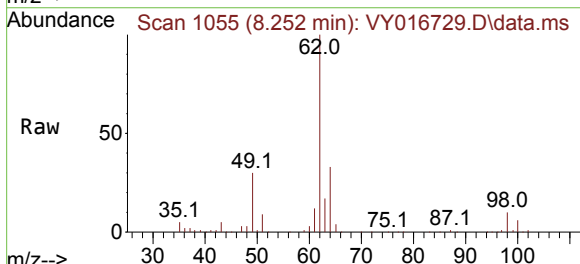
Ion	Ratio	Lower	Upper
41	100		
39	52.1	41.9	62.9
67	73.4	59.8	89.6
52	29.7	24.8	37.2

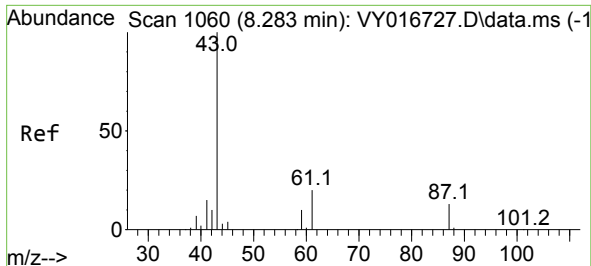


#42
1,2-Dichloroethane
Concen: 142.827 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 62 Resp: 327746

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2

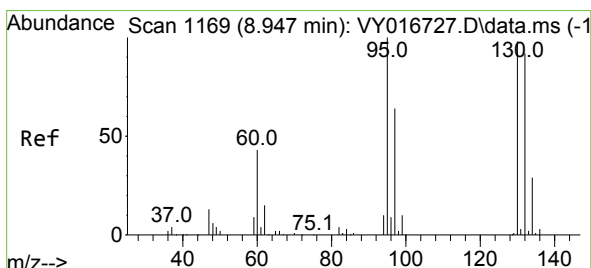
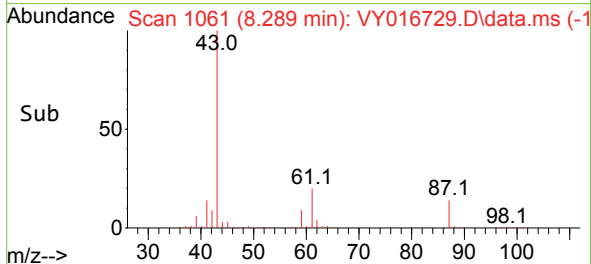
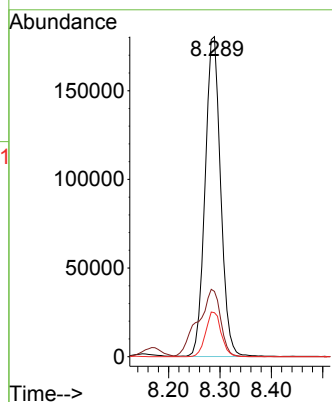
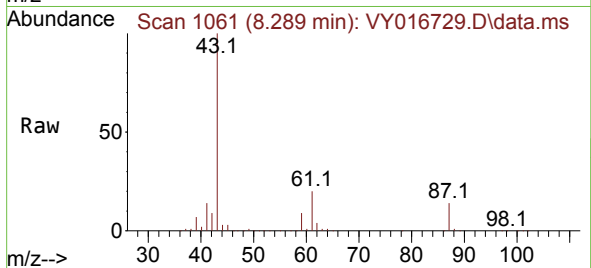




#43
Isopropyl Acetate
Concen: 150.375 ug/l
RT: 8.289 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

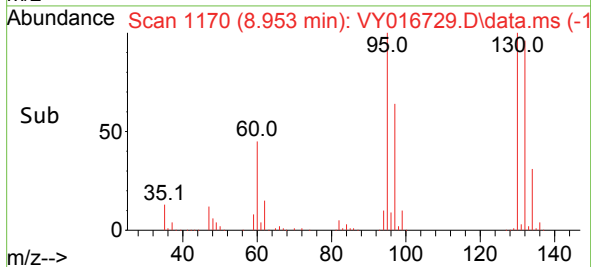
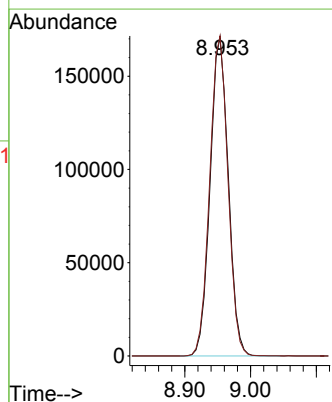
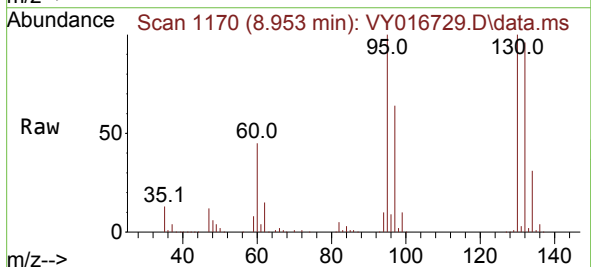
Instrument :
MSVOA_Y
ClientSampleId :

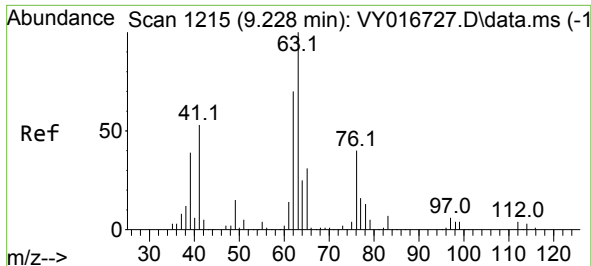
Tgt Ion: 43 Resp: 378368
Ion Ratio Lower Upper
43 100
61 30.6 24.8 37.2
87 14.0 10.7 16.1



#44
Trichloroethene
Concen: 146.455 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion:130 Resp: 328778
Ion Ratio Lower Upper
130 100
95 100.4 0.0 203.8

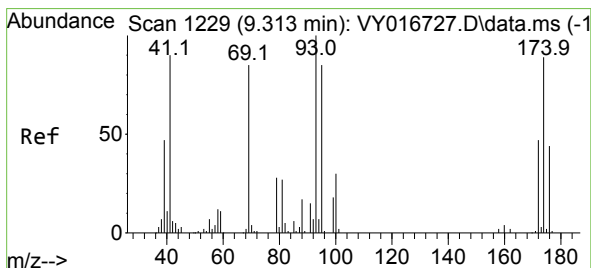
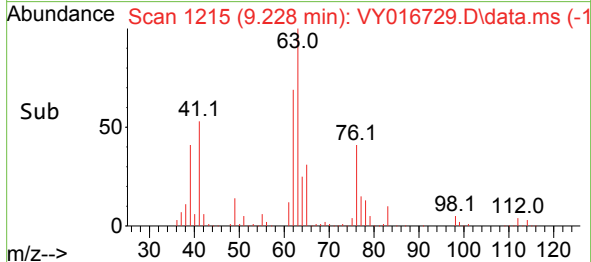
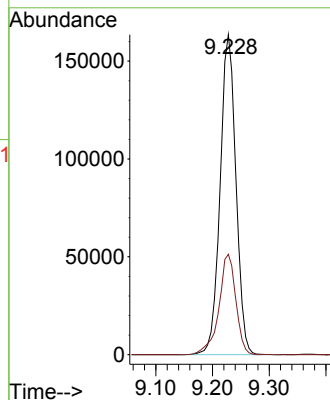
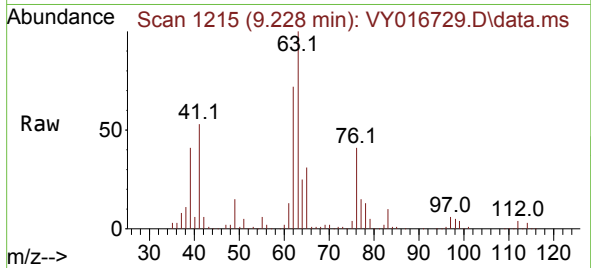




#45
1,2-Dichloropropane
Concen: 143.433 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

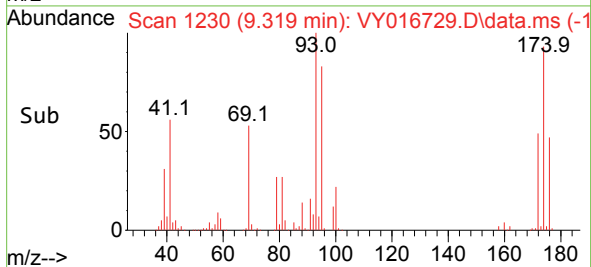
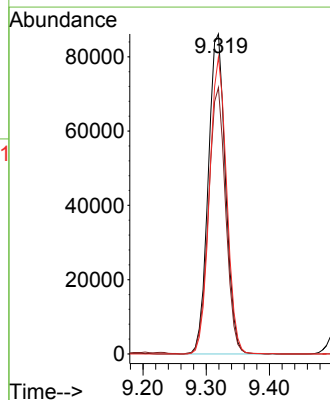
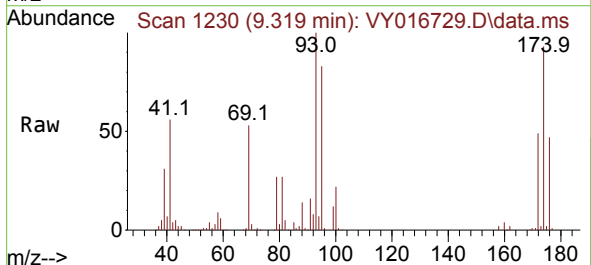
Instrument :
MSVOA_Y
ClientSampleId :

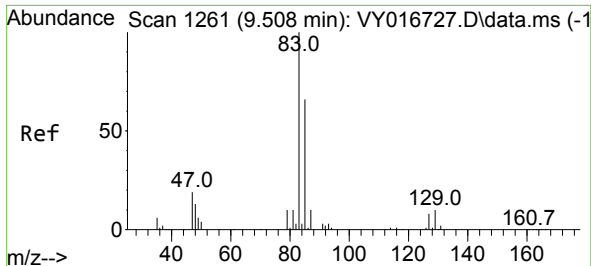
Tgt Ion: 63 Resp: 316460
Ion Ratio Lower Upper
63 100
65 31.4 24.6 36.8



#46
Dibromomethane
Concen: 144.138 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

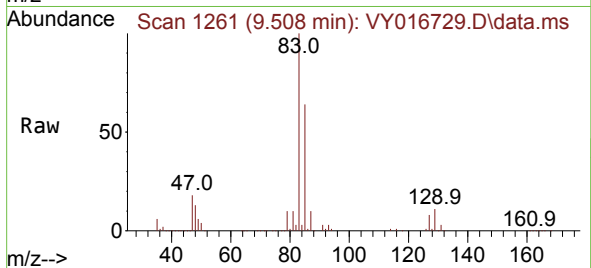
Tgt Ion: 93 Resp: 164288
Ion Ratio Lower Upper
93 100
95 82.6 66.6 99.8
174 91.9 73.8 110.6



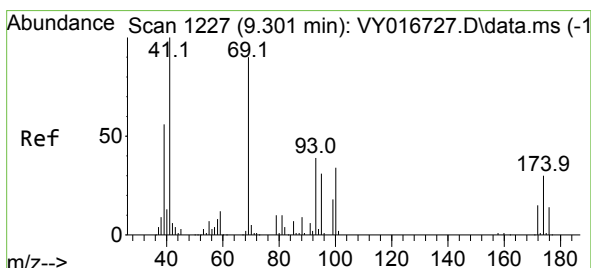
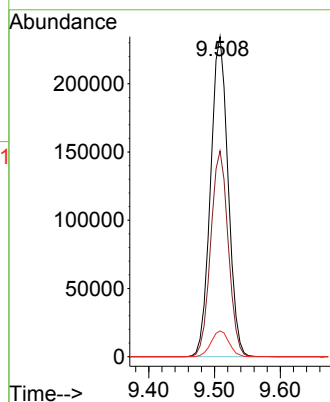
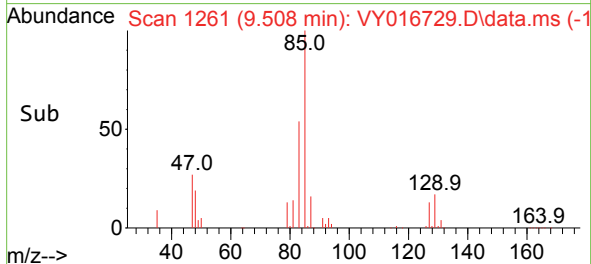


#47
Bromodichloromethane
Concen: 144.428 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Instrument :
MSVOA_Y
ClientSampleId :

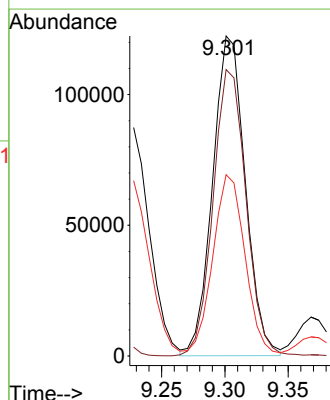
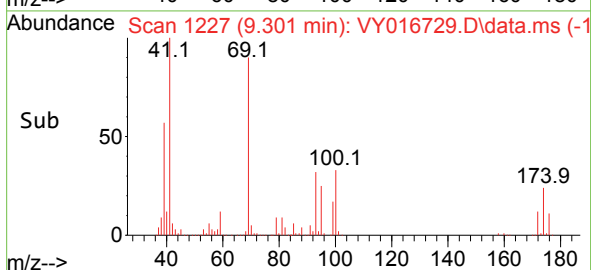
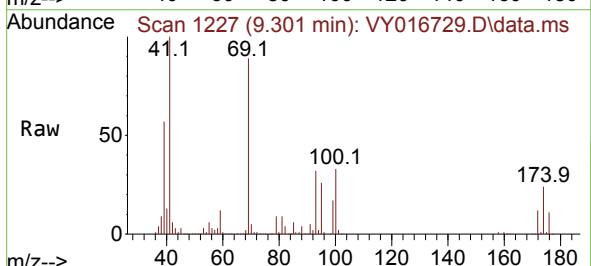


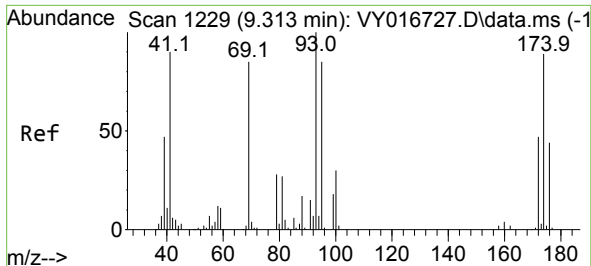
Tgt Ion: 83 Resp: 433883
Ion Ratio Lower Upper
83 100
85 64.3 53.2 79.8
127 8.1 6.4 9.6



#48
Methyl methacrylate
Concen: 155.814 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 41 Resp: 219893
Ion Ratio Lower Upper
41 100
69 90.2 72.1 108.1
39 54.0 42.8 64.2





#49

1,4-Dioxane

Concen: 3041.921 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

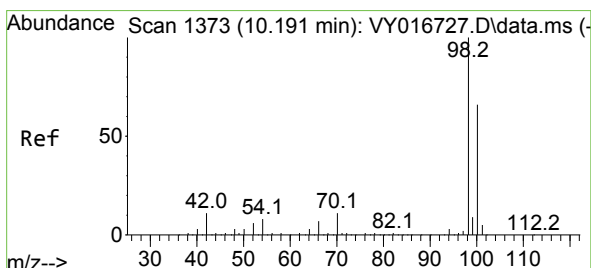
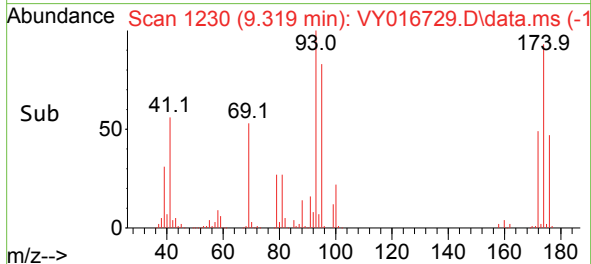
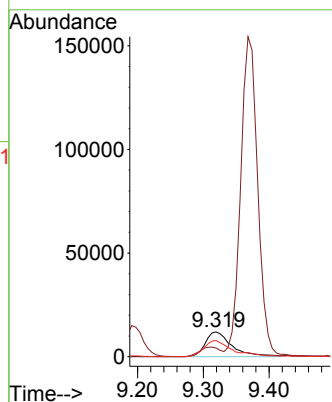
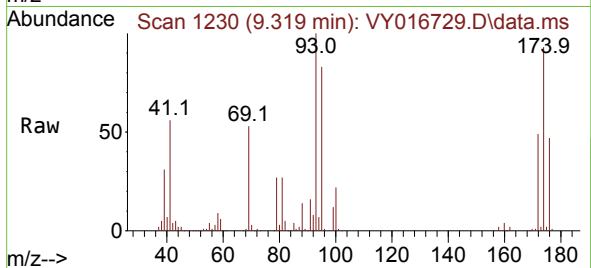
Tgt Ion: 88 Resp: 33652

Ion Ratio Lower Upper

88 100

43 30.1 28.2 42.4

58 71.9 52.2 78.2



#50

Toluene-d8

Concen: 156.836 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016729.D

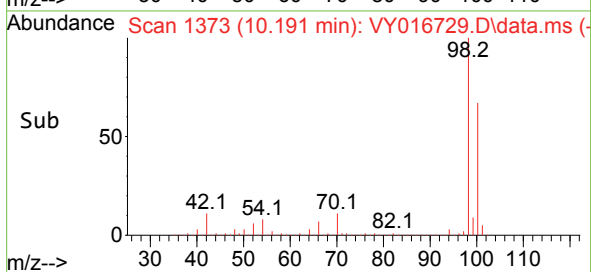
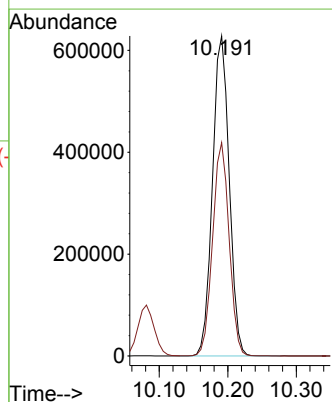
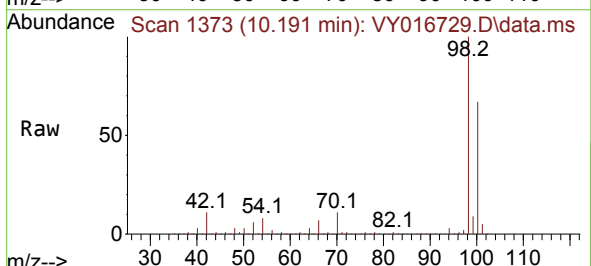
Acq: 20 Dec 2023 16:55

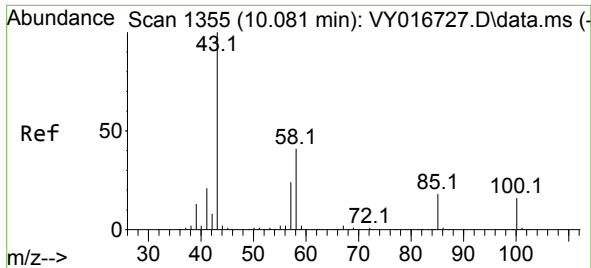
Tgt Ion: 98 Resp: 1065925

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5

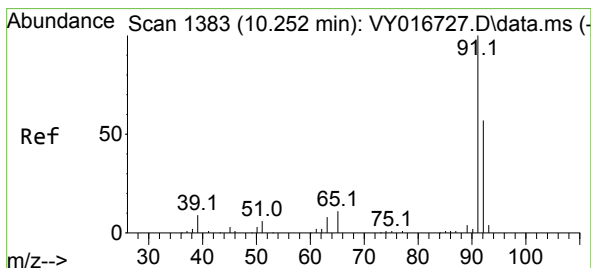
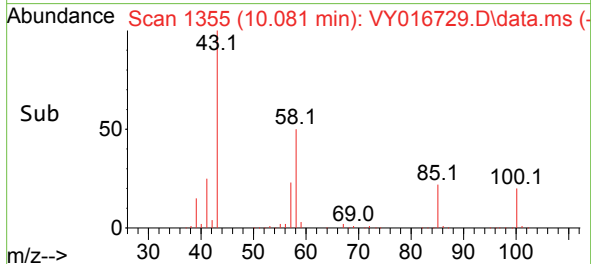
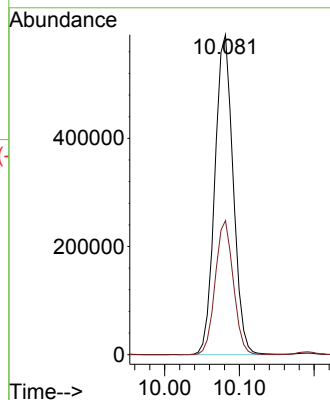
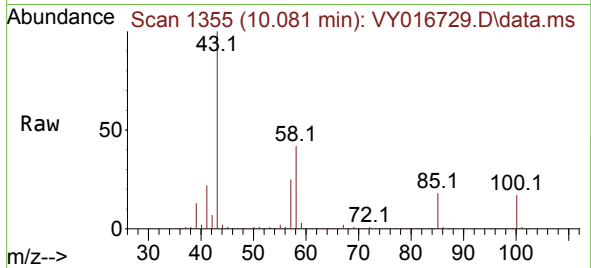




#51
4-Methyl-2-Pentanone
Concen: 752.710 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

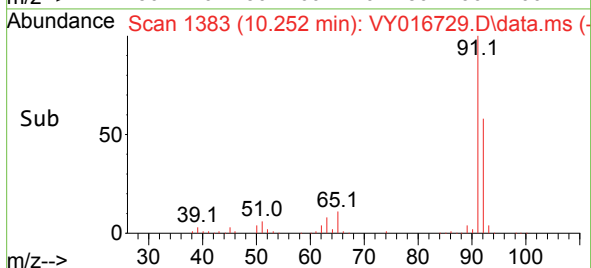
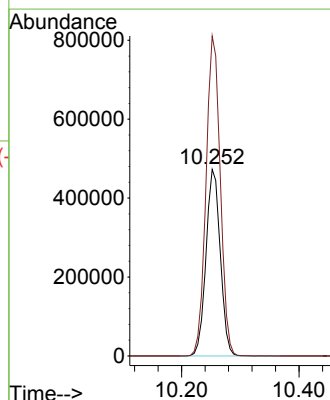
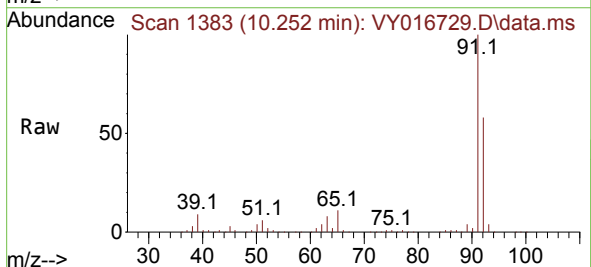
Instrument :
MSVOA_Y
ClientSampleId :

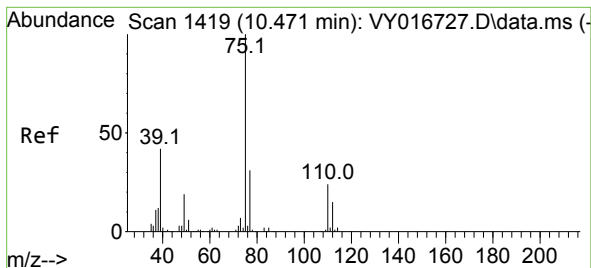
Tgt Ion: 43 Resp: 1009111
Ion Ratio Lower Upper
43 100
58 41.4 32.2 48.2



#52
Toluene
Concen: 151.099 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 92 Resp: 796425
Ion Ratio Lower Upper
92 100
91 171.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 153.095 ug/l

RT: 10.478 min Scan# 1419

Delta R.T. 0.007 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

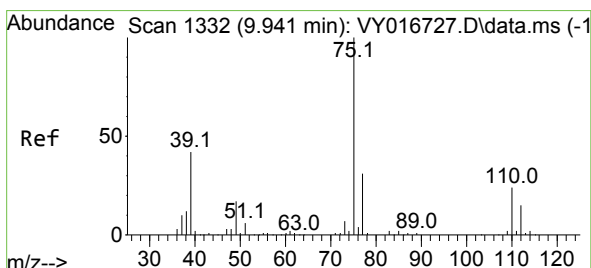
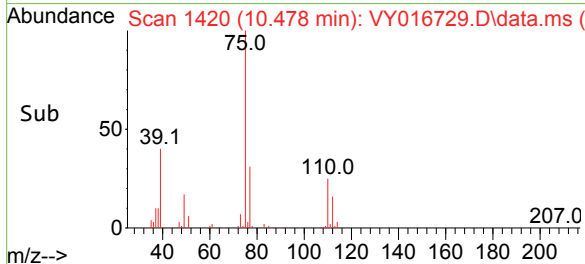
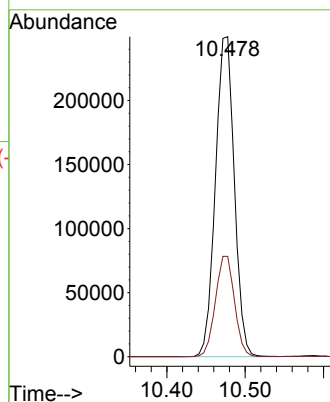
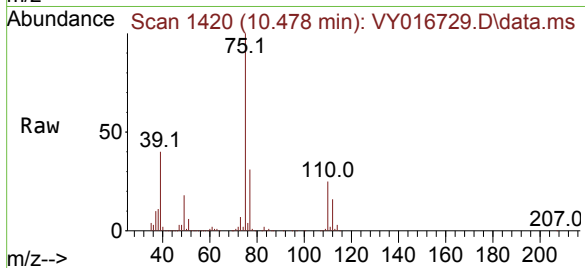
ClientSampleId :

Tgt Ion: 75 Resp: 419371

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 150.888 ug/l

RT: 9.941 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

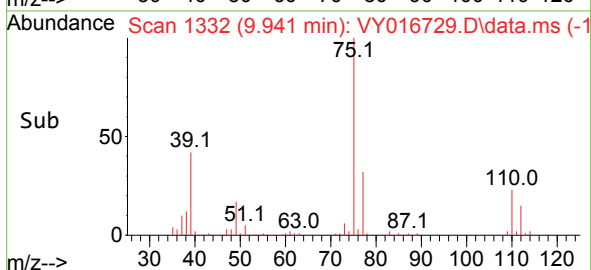
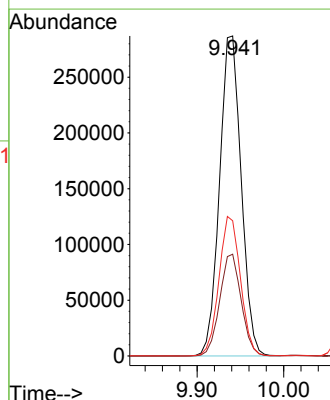
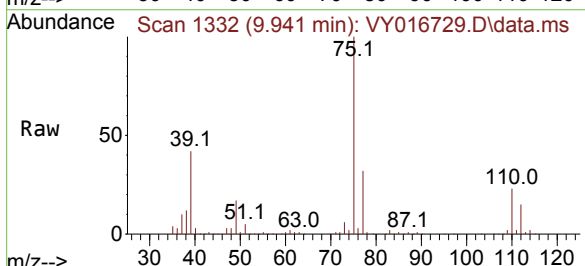
Tgt Ion: 75 Resp: 498556

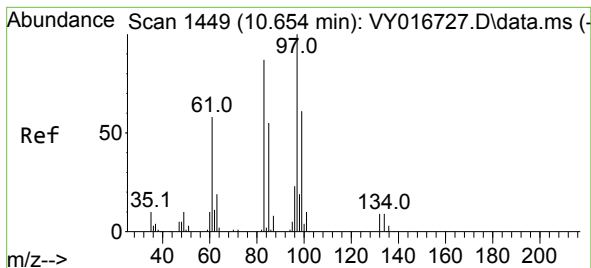
Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

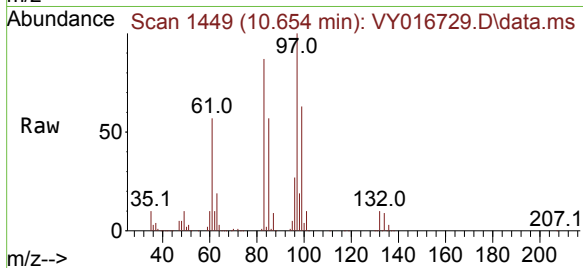
39 42.2 33.6 50.4



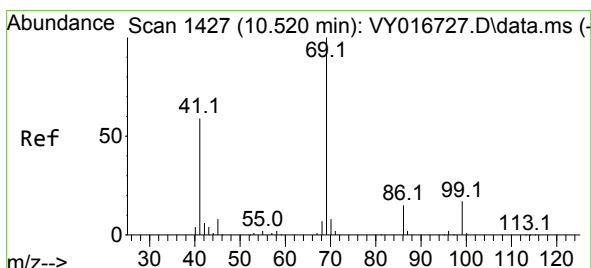
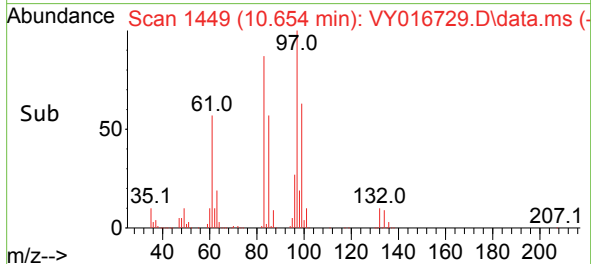
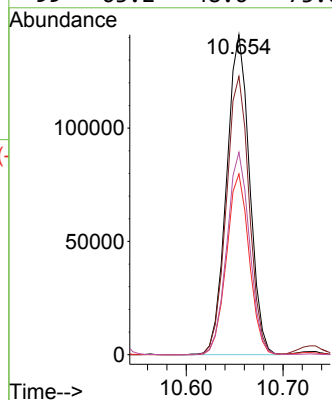


#55
1,1,2-Trichloroethane
Concen: 143.648 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Instrument :
MSVOA_Y
ClientSampleId :

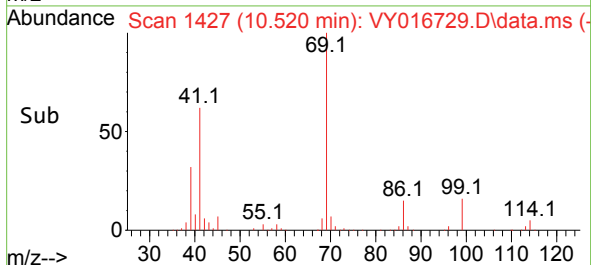
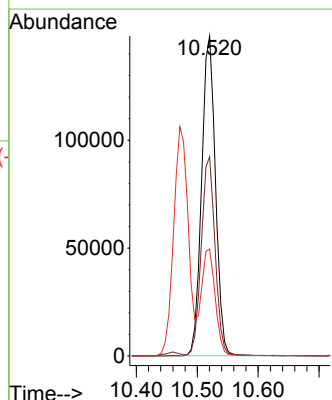
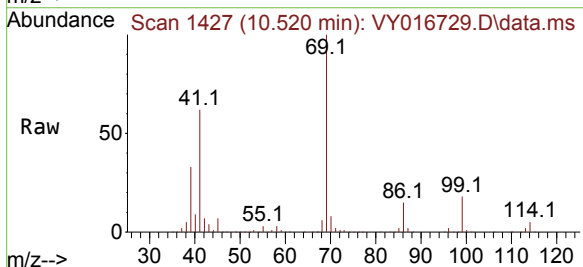


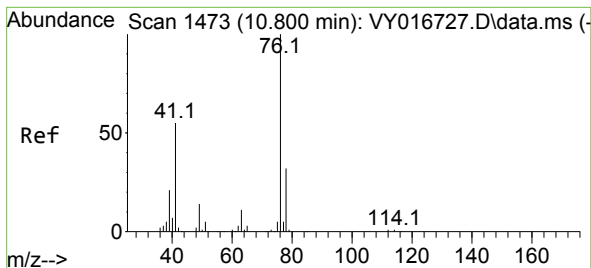
Tgt Ion:	97	Resp:	233602
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.4	104.2
85	56.5	43.9	65.9
99	63.2	48.6	73.0



#56
Ethyl methacrylate
Concen: 163.873 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion:	69	Resp:	234336
Ion	Ratio	Lower	Upper
69	100		
41	61.7	49.2	73.8
39	33.7	26.8	40.2

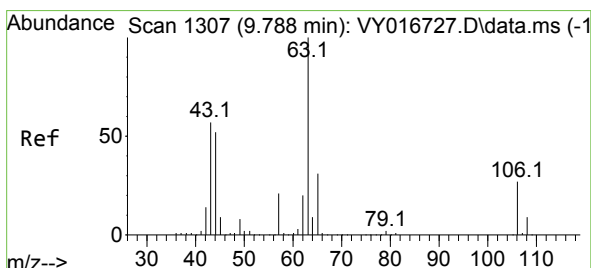
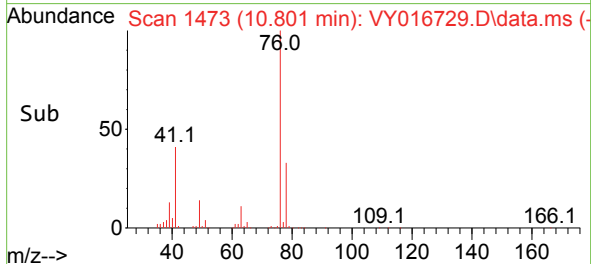
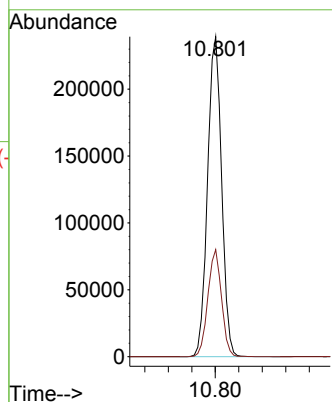
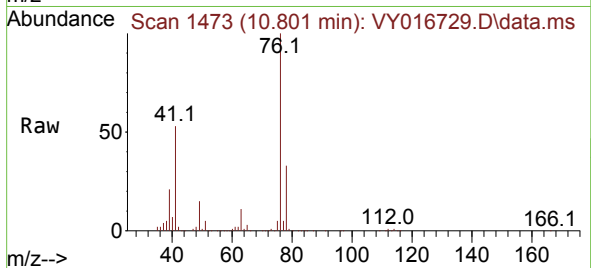




#57
1,3-Dichloropropane
Concen: 143.343 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.001 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

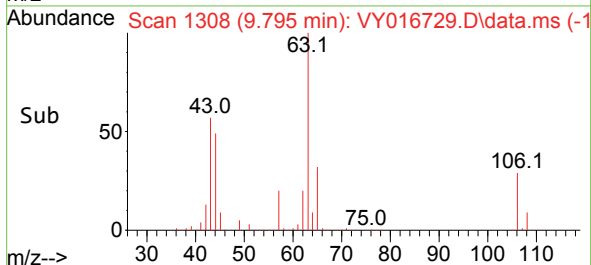
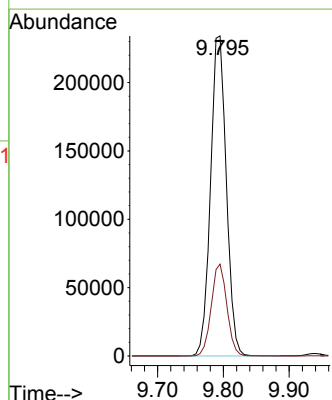
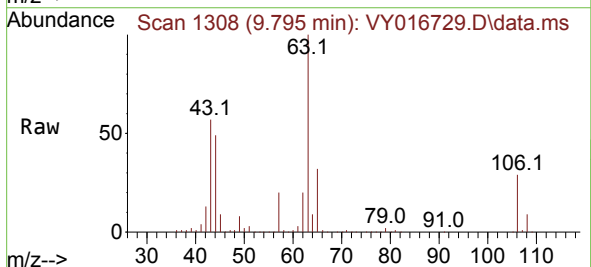
Instrument :
MSVOA_Y
ClientSampleId :

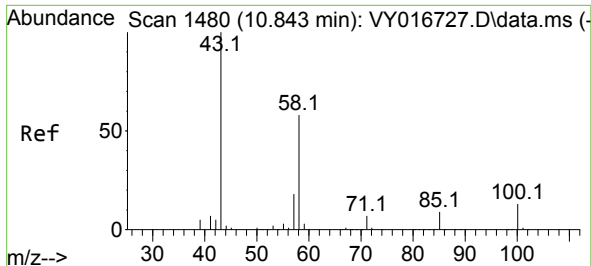
Tgt Ion: 76 Resp: 395939
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 389.638 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.007 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 63 Resp: 391439
Ion Ratio Lower Upper
63 100
106 28.2 22.4 33.6





#59

2-Hexanone

Concen: 711.842 ug/l

RT: 10.837 min Scan# 1480

Delta R.T. -0.006 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

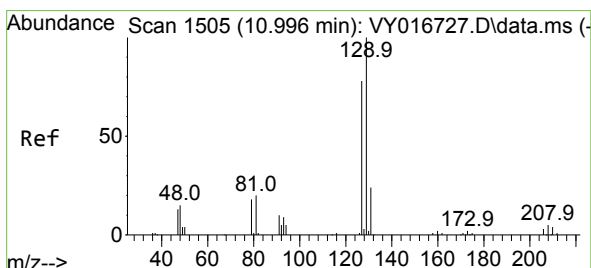
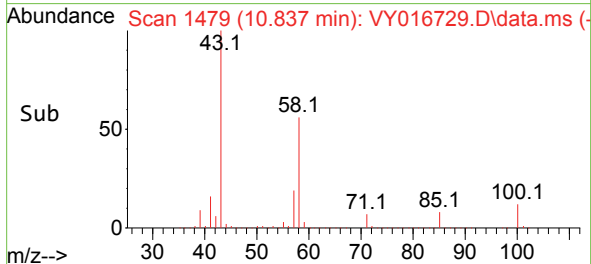
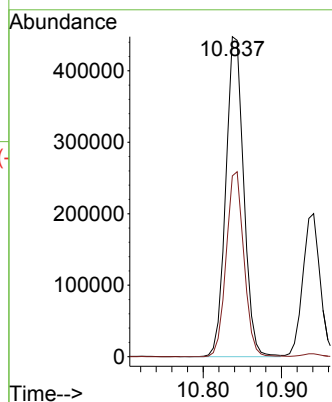
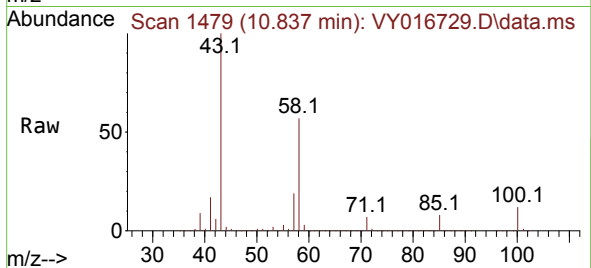
ClientSampleId :

Tgt Ion: 43 Resp: 711597

Ion Ratio Lower Upper

43 100

58 57.3 28.1 84.3



#60

Dibromochloromethane

Concen: 147.009 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. 0.000 min

Lab File: VY016729.D

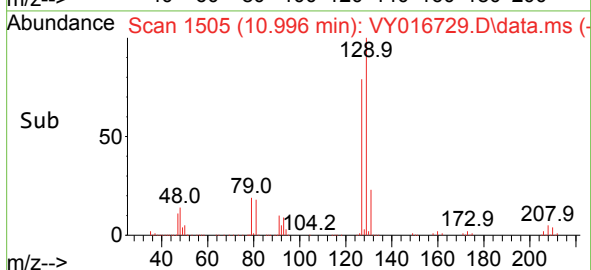
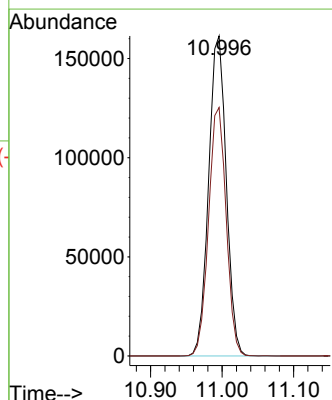
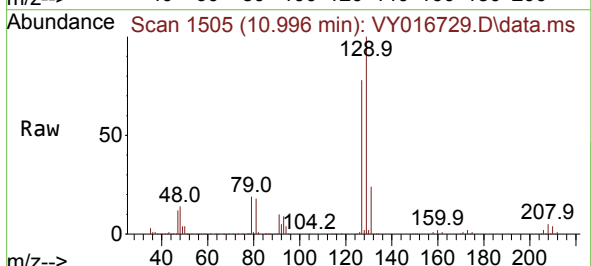
Acq: 20 Dec 2023 16:55

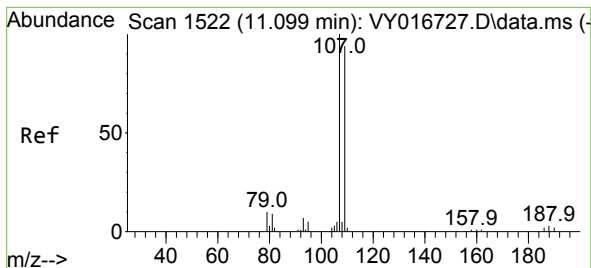
Tgt Ion:129 Resp: 276557

Ion Ratio Lower Upper

129 100

127 77.5 39.2 117.6

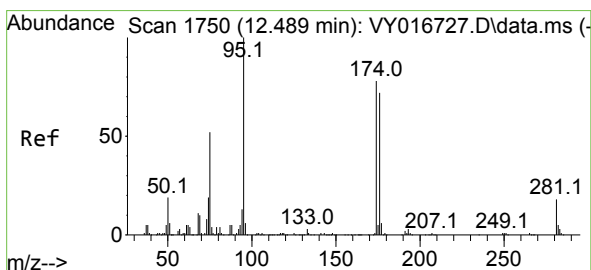
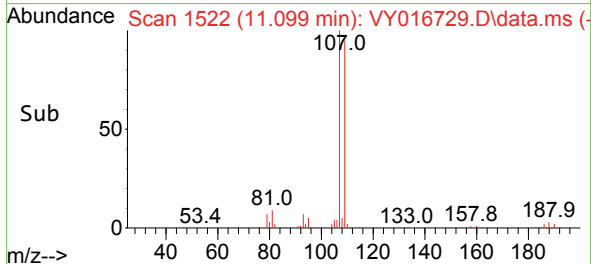
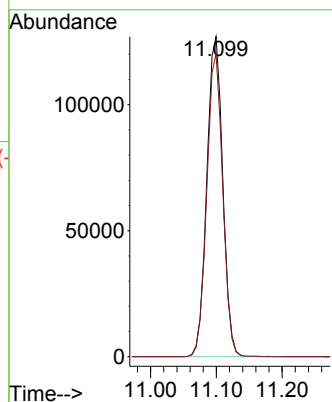
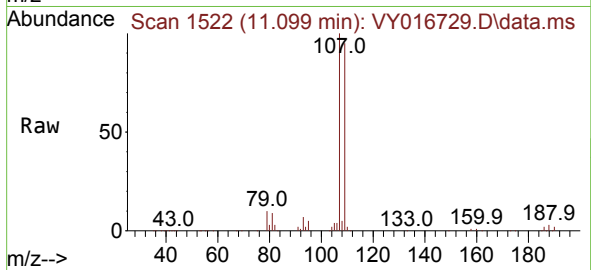




#61
1,2-Dibromoethane
Concen: 146.869 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

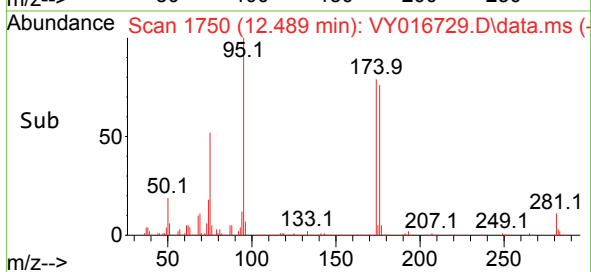
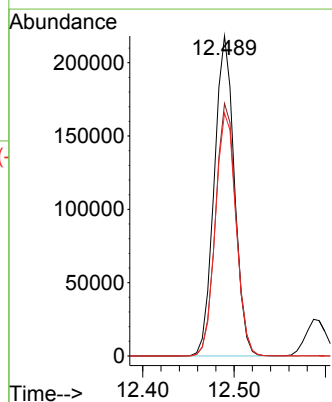
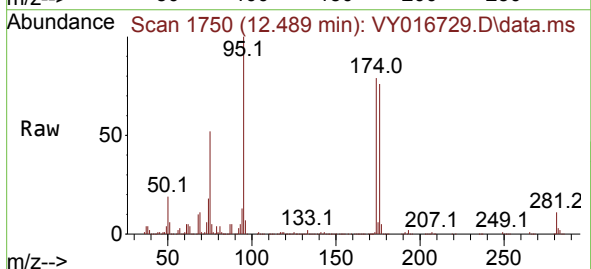
Instrument :
MSVOA_Y
ClientSampleId :

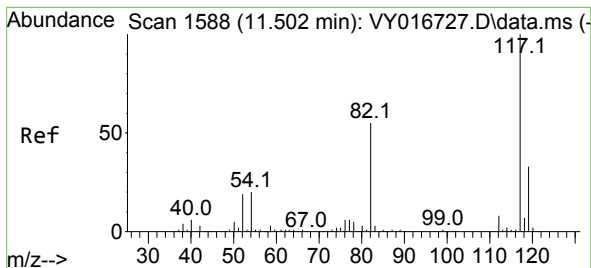
Tgt Ion:107 Resp: 214191
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 151.691 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 95 Resp: 334473
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.0
176 77.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

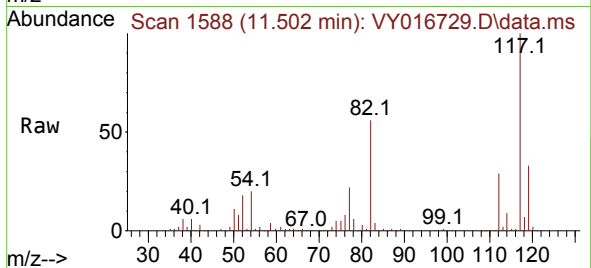
Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :



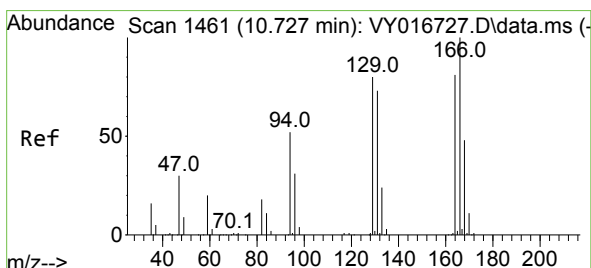
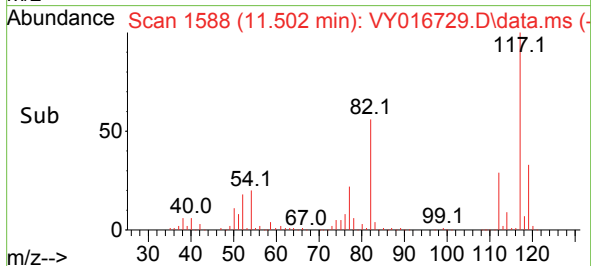
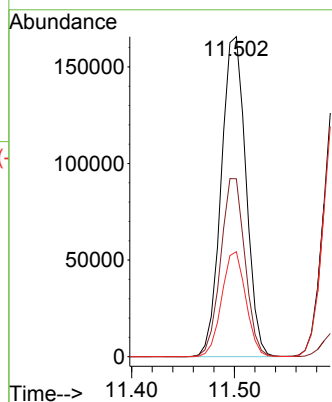
Tgt Ion:117 Resp: 276272

Ion Ratio Lower Upper

117 100

82 55.6 43.8 65.8

119 32.8 26.5 39.7



#64

Tetrachloroethene

Concen: 150.721 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Tgt Ion:164 Resp: 258665

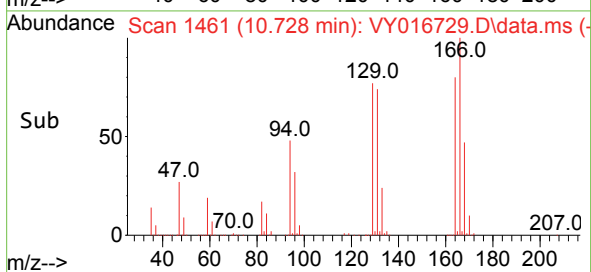
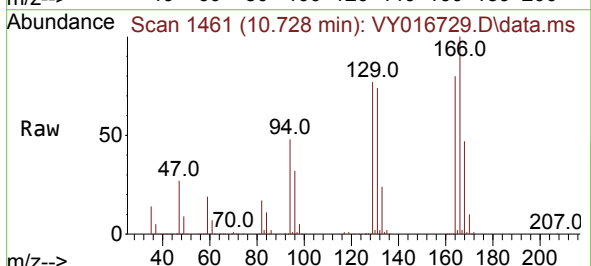
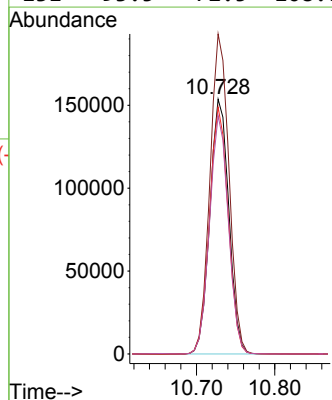
Ion Ratio Lower Upper

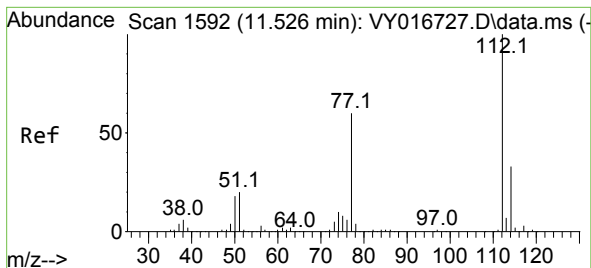
164 100

166 125.6 98.8 148.2

129 96.8 78.9 118.3

131 93.5 72.5 108.7





#65

Chlorobenzene

Concen: 148.988 ug/l

RT: 11.526 min Scan# 1112

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

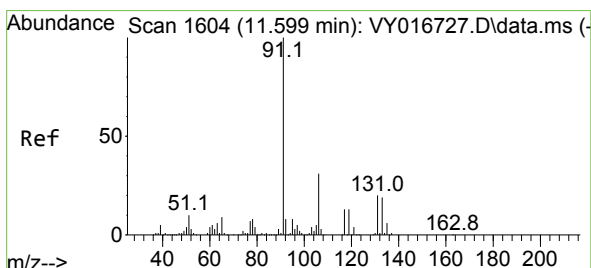
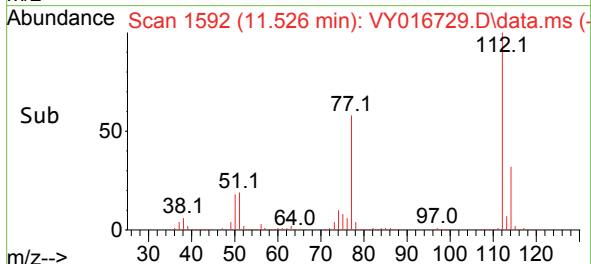
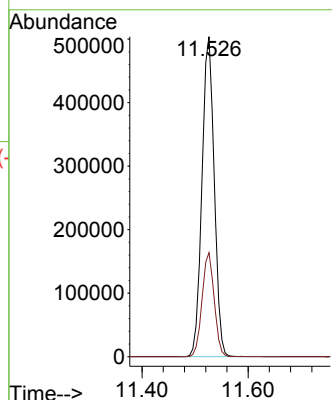
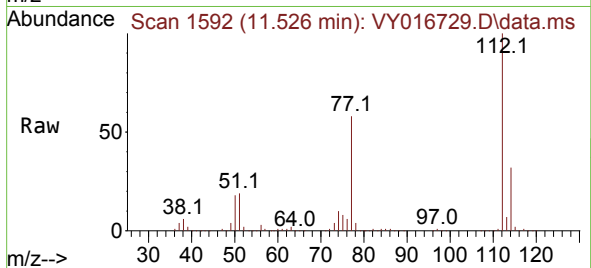
ClientSampleId :

Tgt Ion:112 Resp: 808710

Ion Ratio Lower Upper

112 100

114 32.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 152.182 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

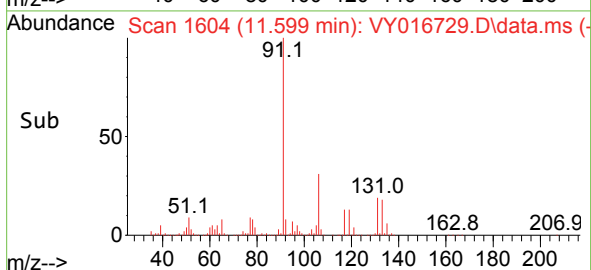
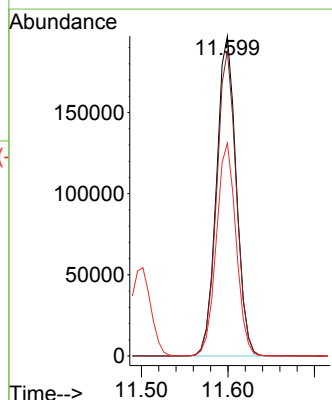
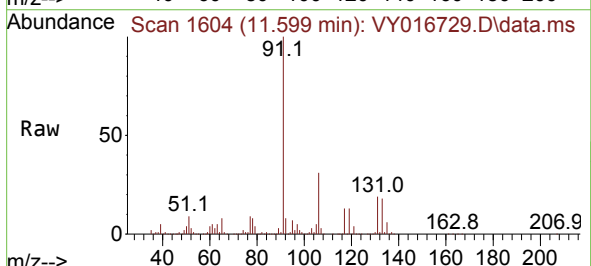
Tgt Ion:131 Resp: 310798

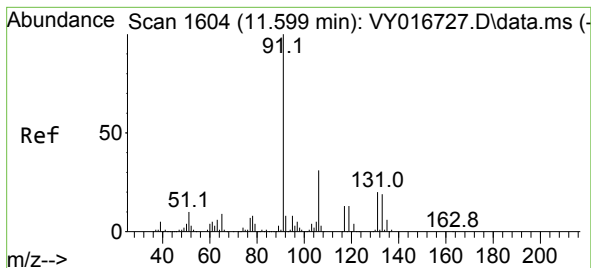
Ion Ratio Lower Upper

131 100

133 95.2 47.0 141.0

119 66.6 33.3 99.9





#67

Ethyl Benzene

Concen: 155.762 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

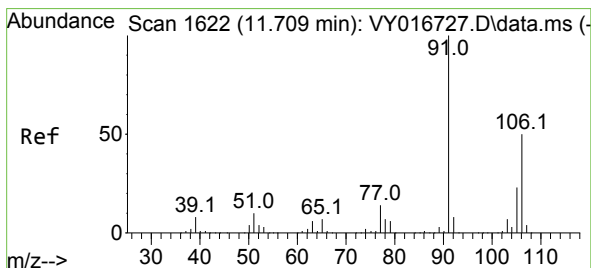
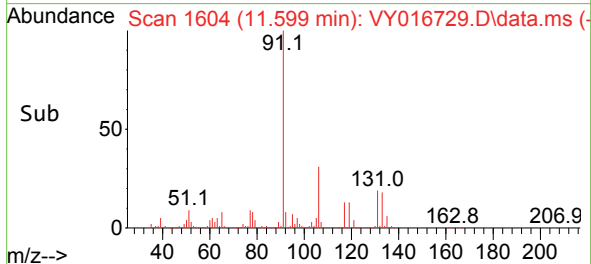
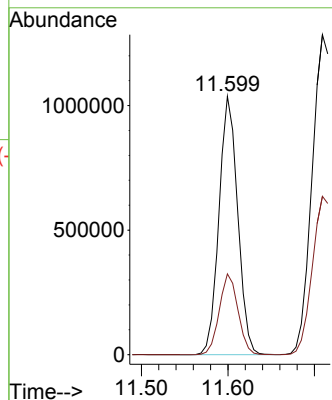
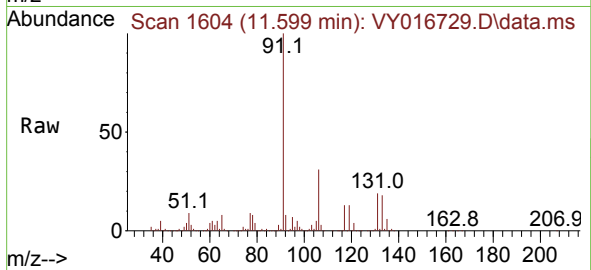
ClientSampleId :

Tgt Ion: 91 Resp: 1556171

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.4



#68

m/p-Xylenes

Concen: 311.284 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016729.D

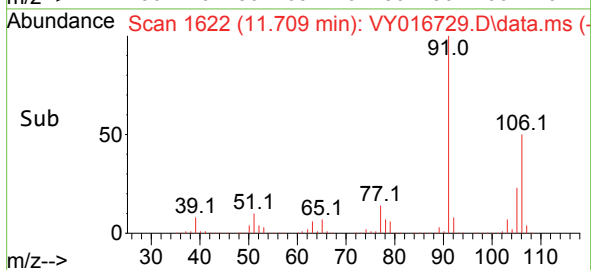
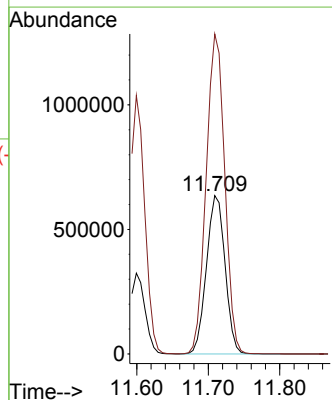
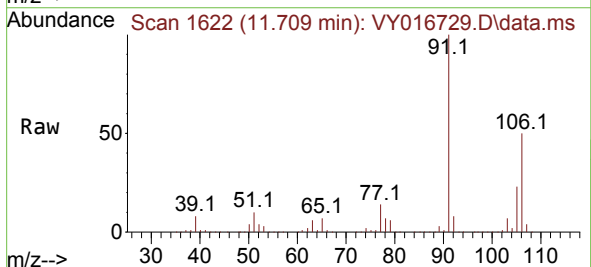
Acq: 20 Dec 2023 16:55

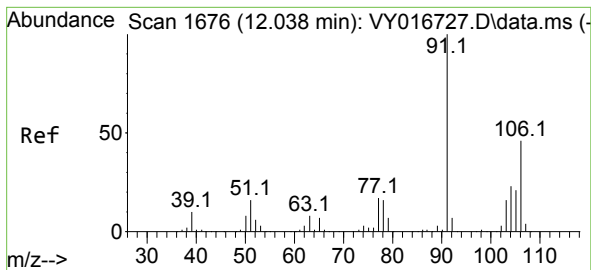
Tgt Ion:106 Resp: 1148412

Ion Ratio Lower Upper

106 100

91 201.7 160.7 241.1





#69

o-Xylene

Concen: 158.113 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

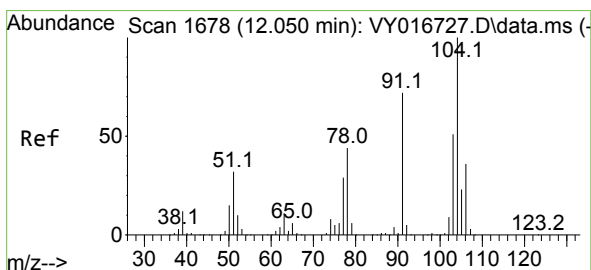
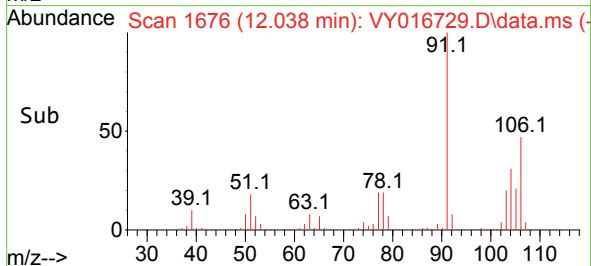
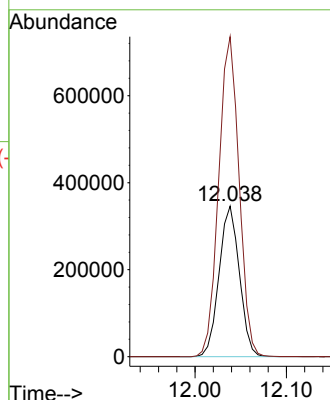
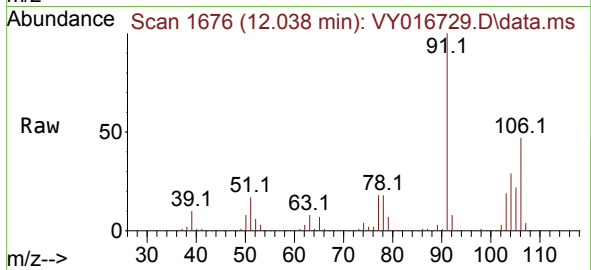
ClientSampleId :

Tgt Ion:106 Resp: 535146

Ion Ratio Lower Upper

106 100

91 213.3 106.5 319.5



#70

Styrene

Concen: 159.281 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

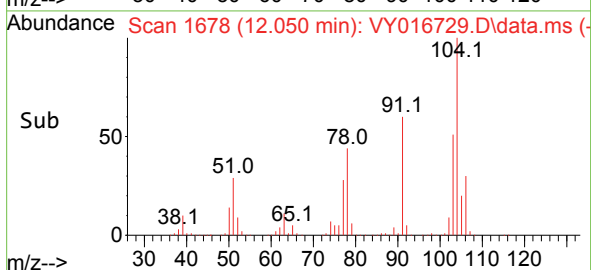
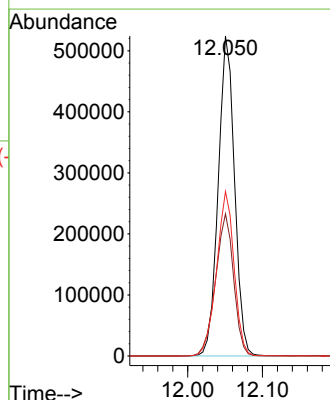
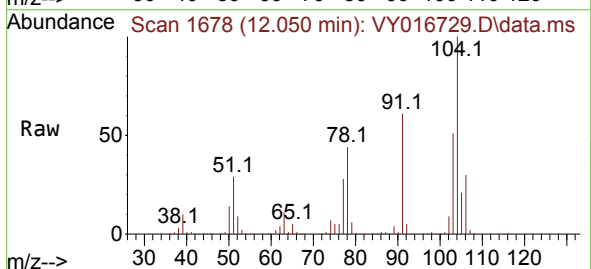
Tgt Ion:104 Resp: 797728

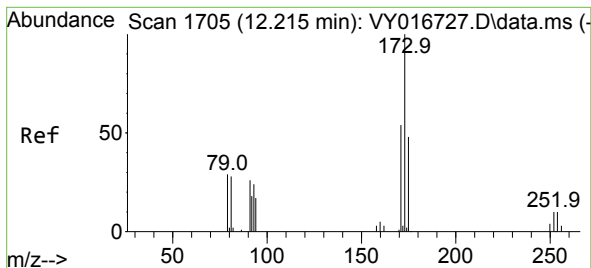
Ion Ratio Lower Upper

104 100

78 49.0 39.2 58.8

103 55.2 43.8 65.6





#71

Bromoform

Concen: 152.874 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

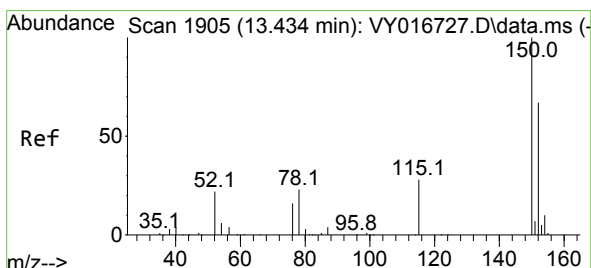
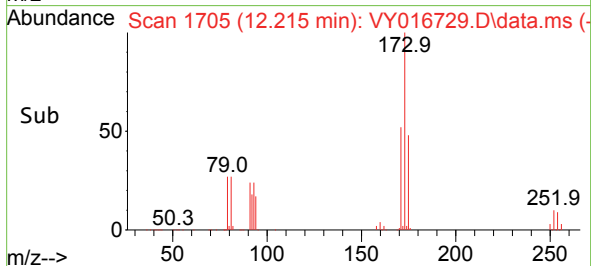
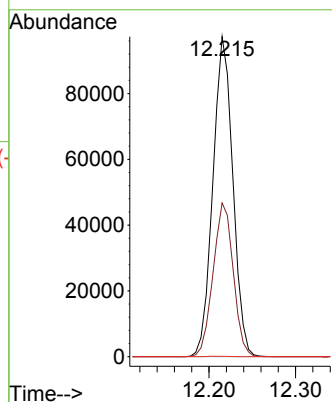
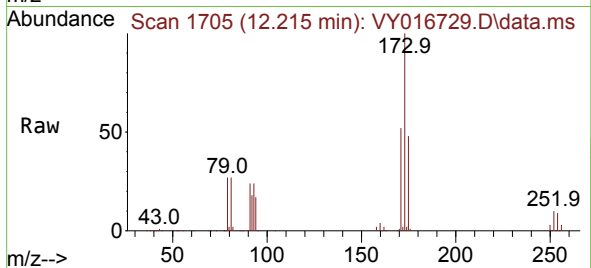
Tgt Ion:173 Resp: 155652

Ion Ratio Lower Upper

173 100

175 48.5 23.5 70.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

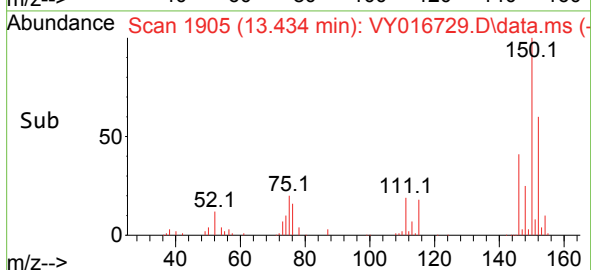
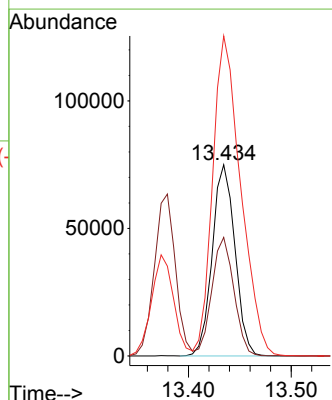
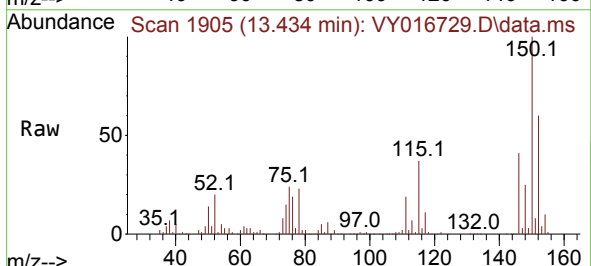
Tgt Ion:152 Resp: 114746

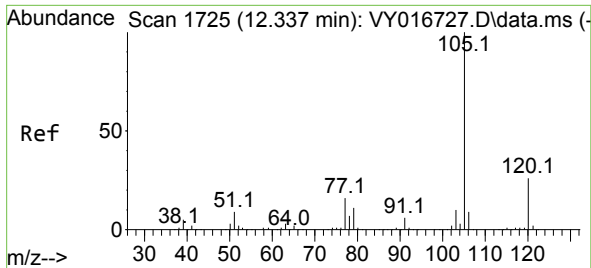
Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 207.3 0.0 344.6

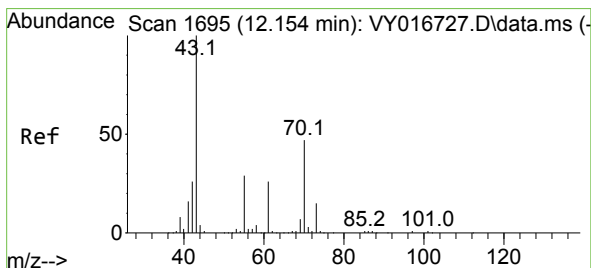
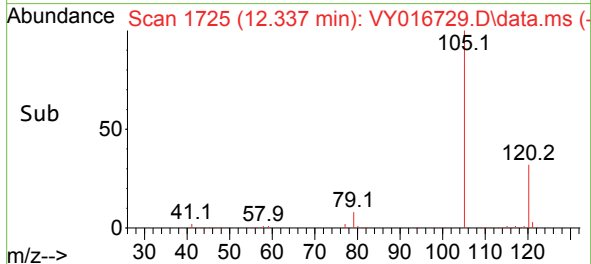
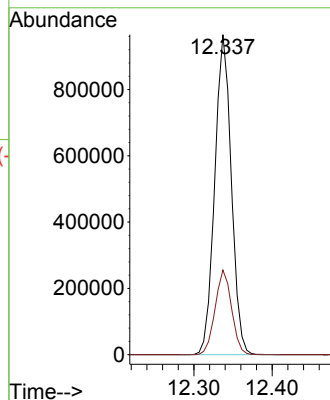
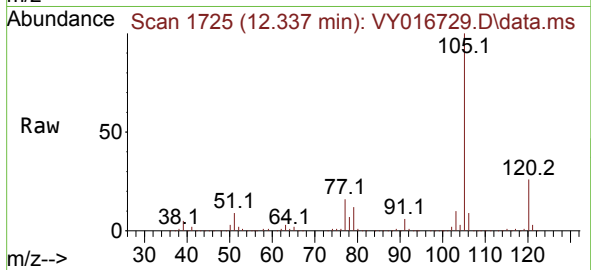




#73
Isopropylbenzene
Concen: 158.632 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

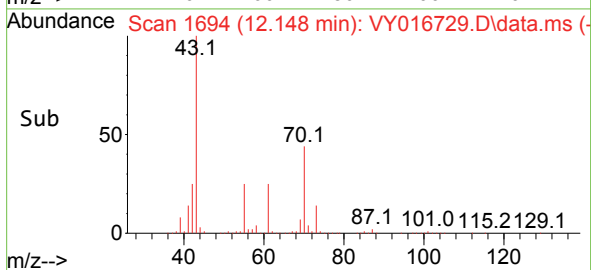
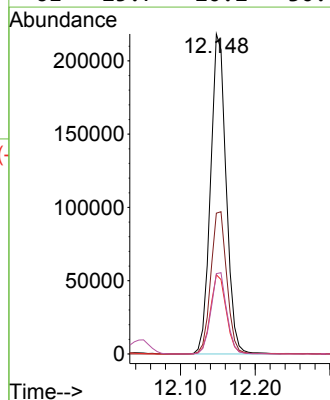
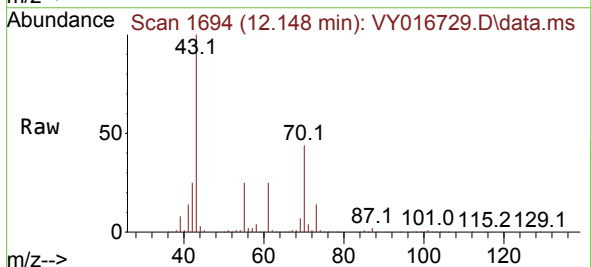
Instrument :
MSVOA_Y
ClientSampleId :

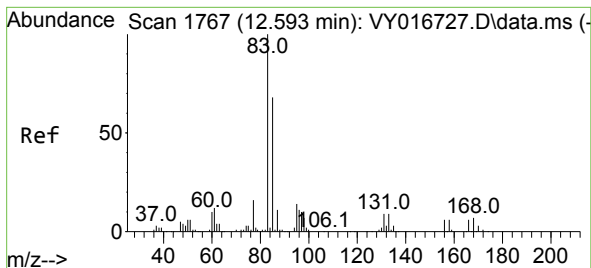
Tgt Ion:105 Resp: 1417624
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0



#74
N-ethyl acetate
Concen: 168.053 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 43 Resp: 316083
Ion Ratio Lower Upper
43 100
70 45.7 36.6 55.0
55 25.2 22.2 33.4
61 25.7 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 149.438 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

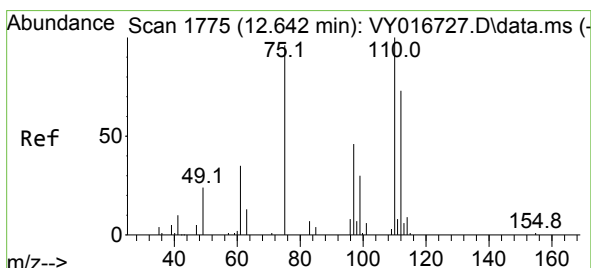
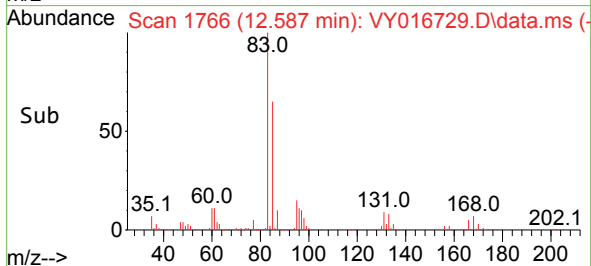
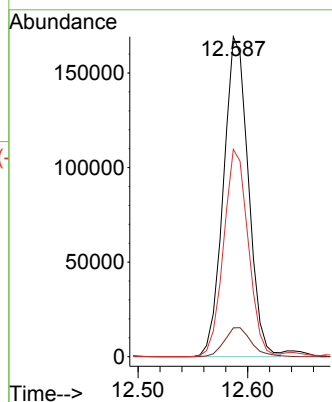
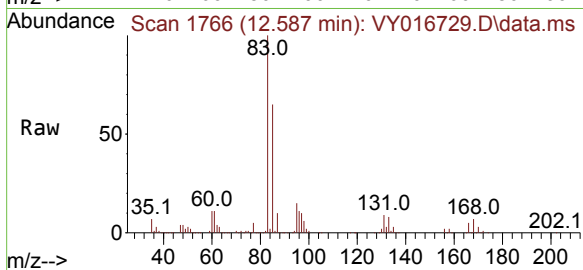
Tgt Ion: 83 Resp: 266869

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.6

85 64.3 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 256.301 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016729.D

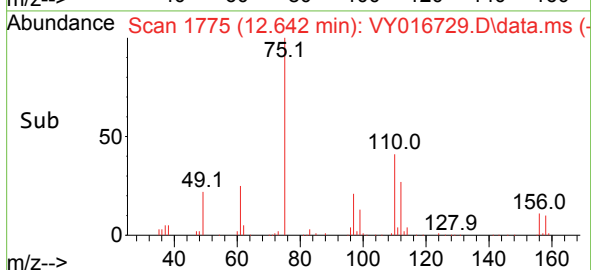
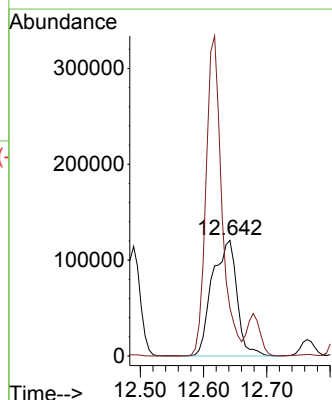
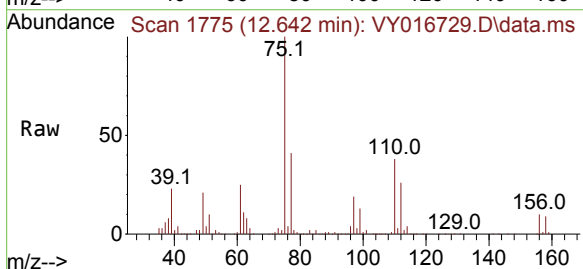
Acq: 20 Dec 2023 16:55

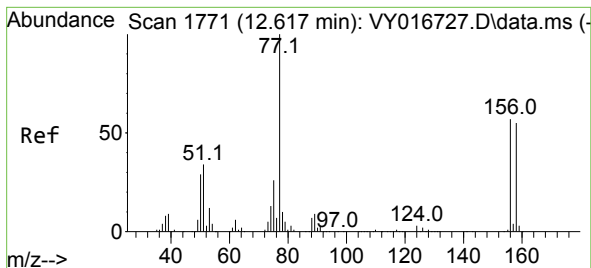
Tgt Ion: 75 Resp: 325612

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 155.872 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

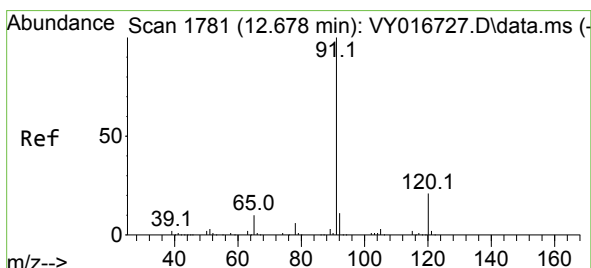
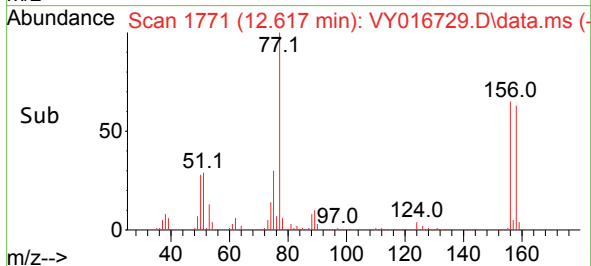
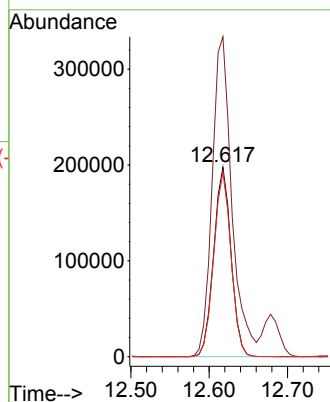
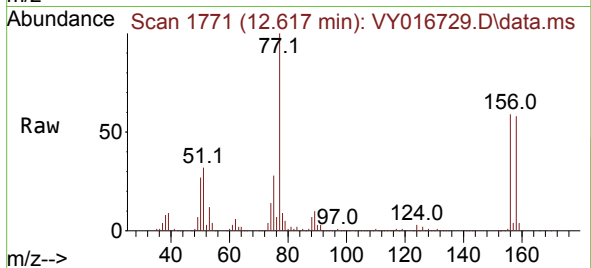
Tgt Ion:156 Resp: 303885

Ion Ratio Lower Upper

156 100

77 192.0 97.3 291.8

158 96.8 48.4 145.0



#78

n-propylbenzene

Concen: 154.300 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016729.D

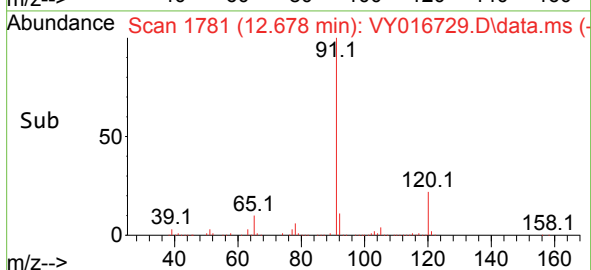
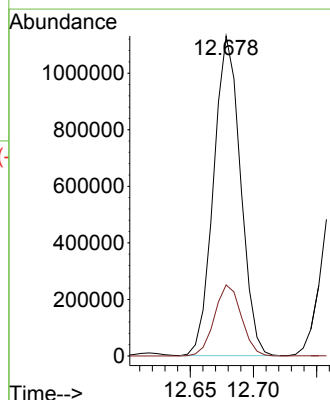
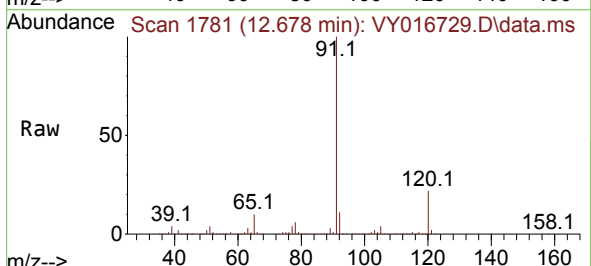
Acq: 20 Dec 2023 16:55

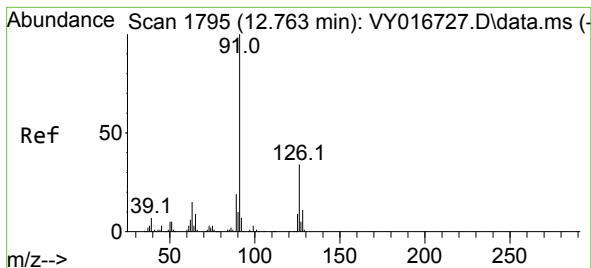
Tgt Ion: 91 Resp: 1670676

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0





#79

2-Chlorotoluene

Concen: 153.755 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

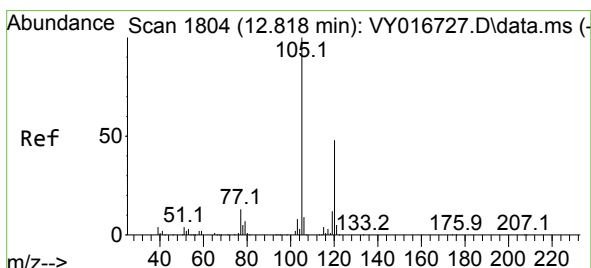
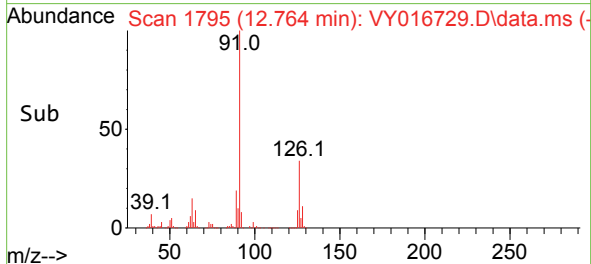
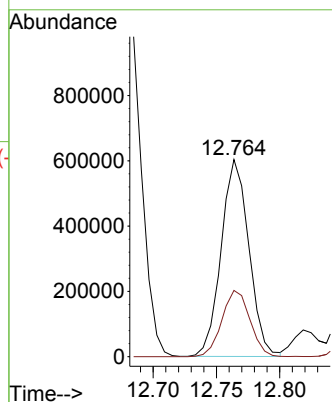
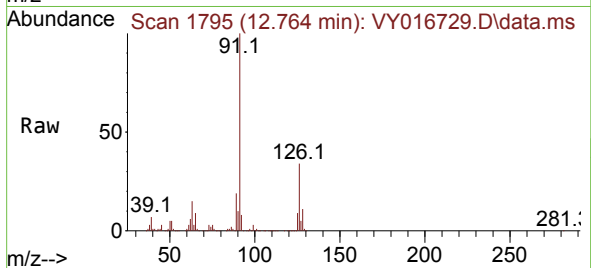
ClientSampleId :

Tgt Ion: 91 Resp: 921187

Ion Ratio Lower Upper

91 100

126 34.1 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 156.162 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY016729.D

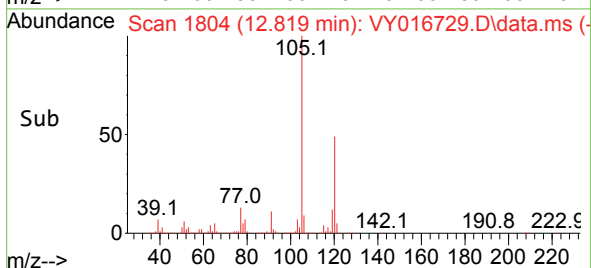
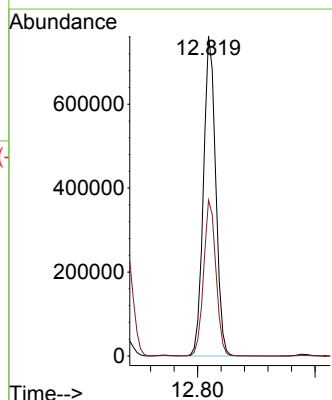
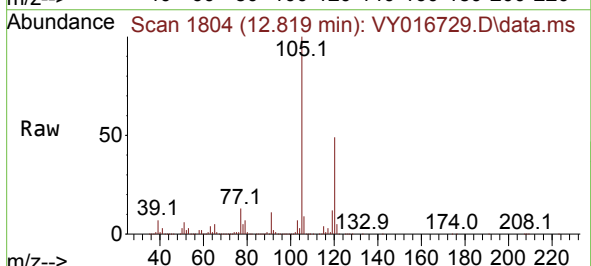
Acq: 20 Dec 2023 16:55

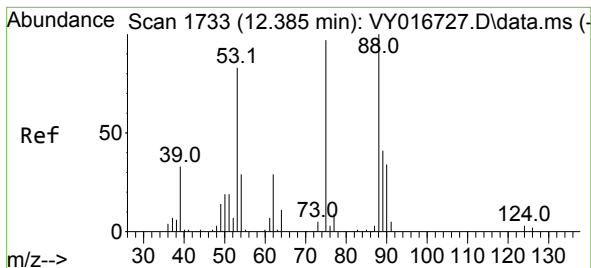
Tgt Ion:105 Resp: 1104700

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8

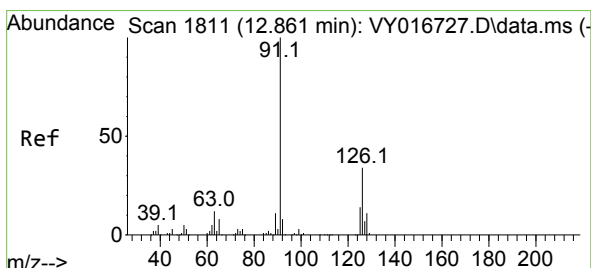
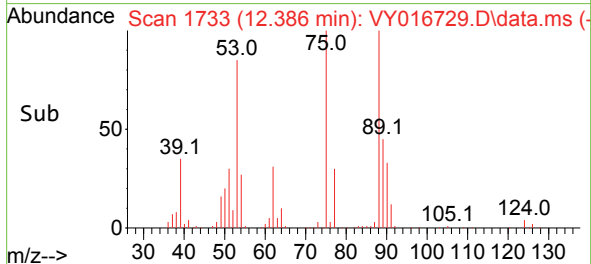
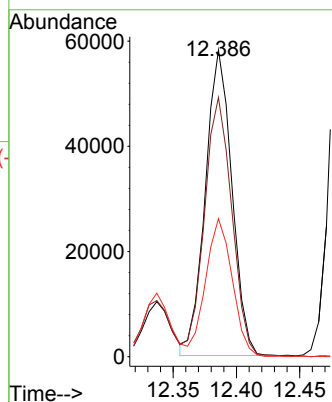
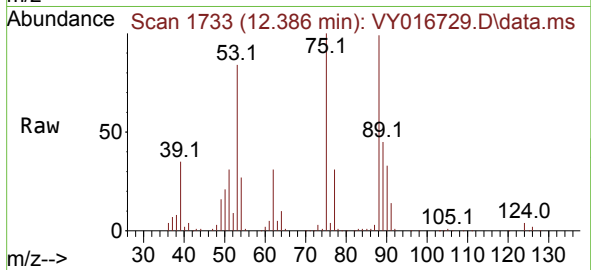




#81
trans-1,4-Dichloro-2-butene
Concen: 157.180 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

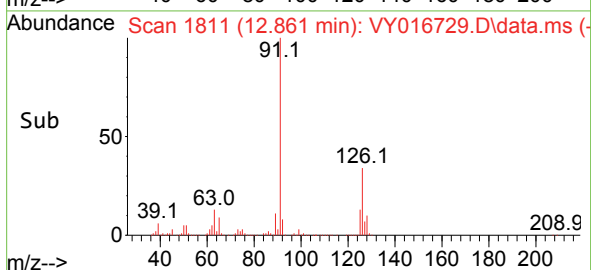
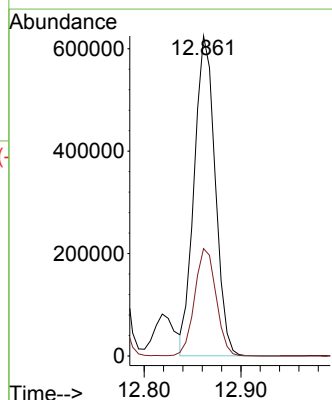
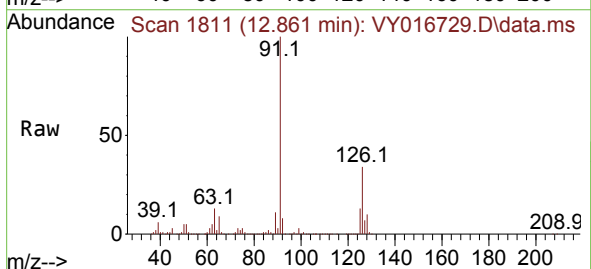
Instrument :
MSVOA_Y
ClientSampleId :

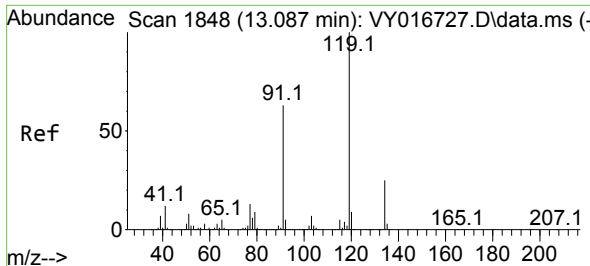
Tgt Ion: 75 Resp: 84897
Ion Ratio Lower Upper
75 100
53 88.2 74.0 111.0
89 45.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 152.917 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

Tgt Ion: 91 Resp: 939898
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2

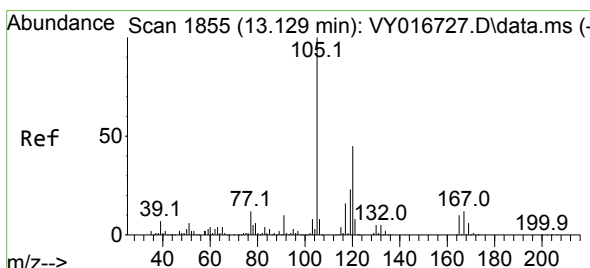
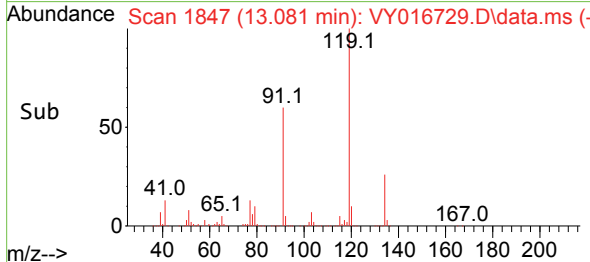
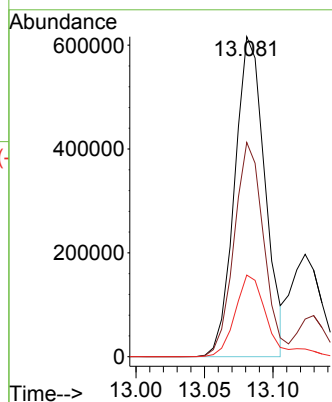
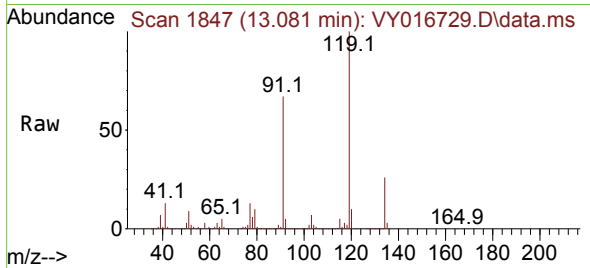




#83
 tert-Butylbenzene
 Concen: 154.460 ug/l
 RT: 13.081 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VY016729.D
 Acq: 20 Dec 2023 16:55

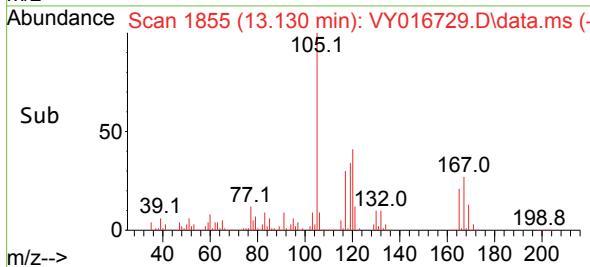
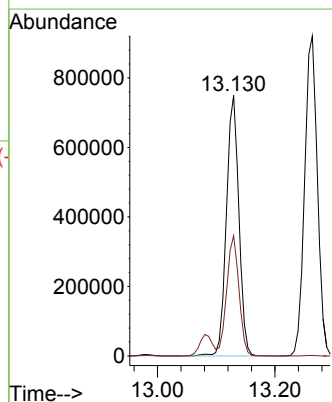
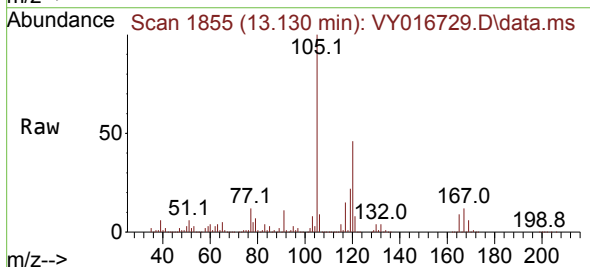
Instrument :
 MSVOA_Y
 ClientSampleId :

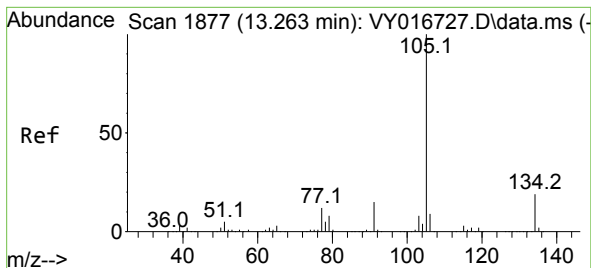
Tgt Ion:119 Resp: 950435
 Ion Ratio Lower Upper
 119 100
 91 65.7 31.5 94.5
 134 27.2 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 158.349 ug/l
 RT: 13.130 min Scan# 1855
 Delta R.T. 0.000 min
 Lab File: VY016729.D
 Acq: 20 Dec 2023 16:55

Tgt Ion:105 Resp: 1104563
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 151.534 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

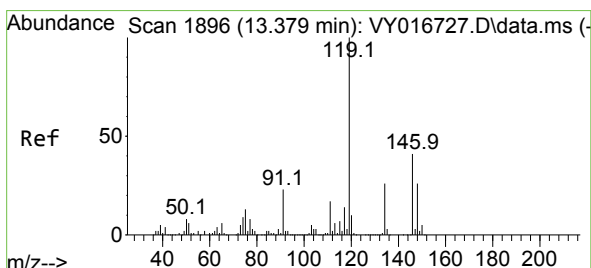
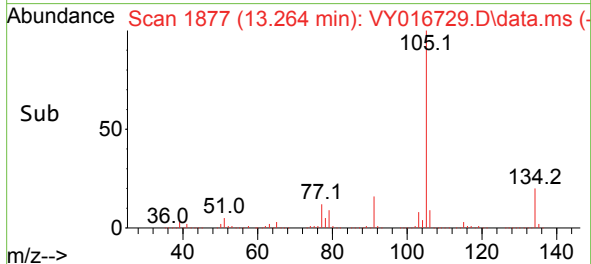
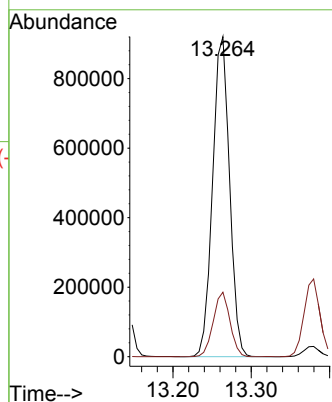
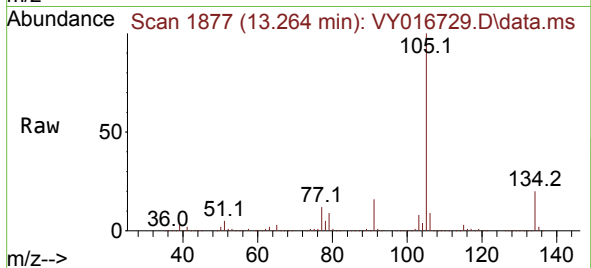
ClientSampleId :

Tgt Ion:105 Resp: 1381073

Ion Ratio Lower Upper

105 100

134 19.9 9.7 28.9



#86

p-Isopropyltoluene

Concen: 157.724 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

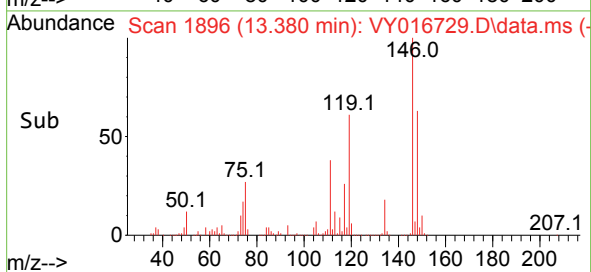
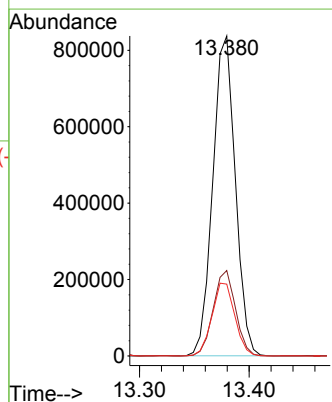
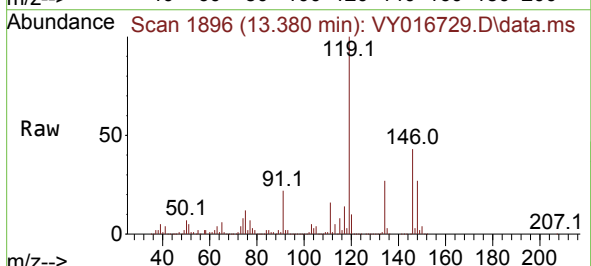
Tgt Ion:119 Resp: 1197138

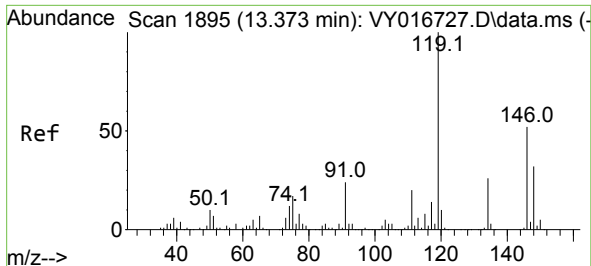
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 155.013 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

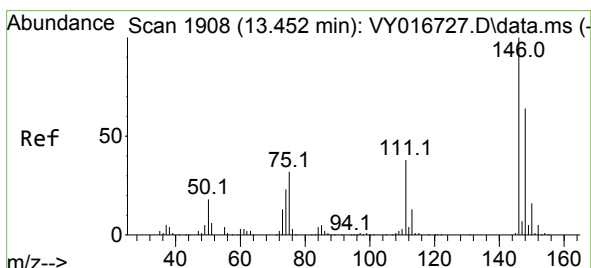
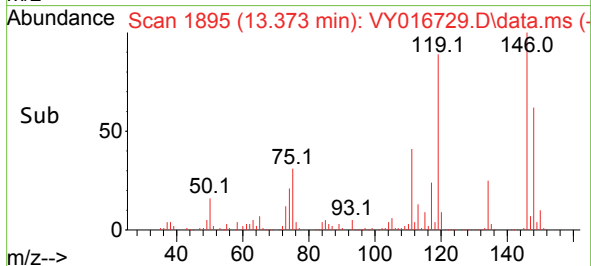
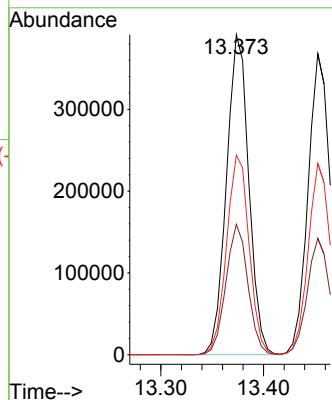
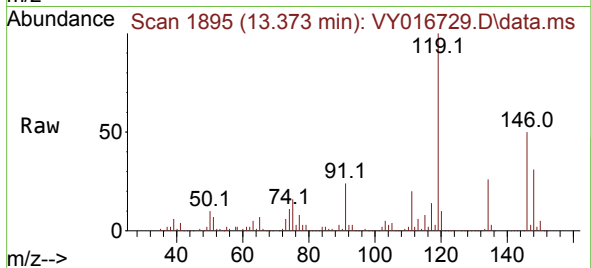
Tgt Ion:146 Resp: 590600

Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.5

148 63.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 149.387 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

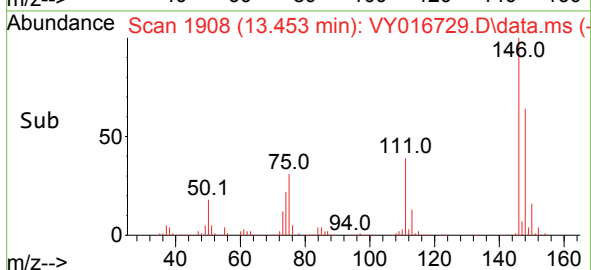
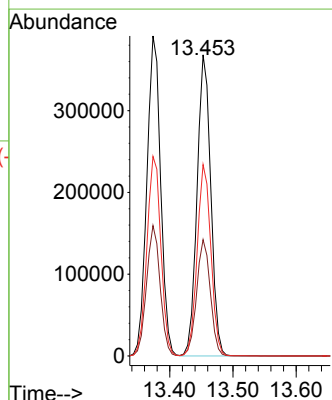
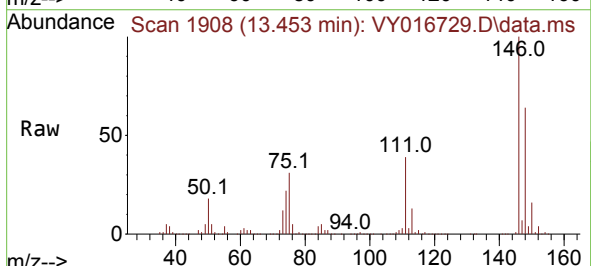
Tgt Ion:146 Resp: 555770

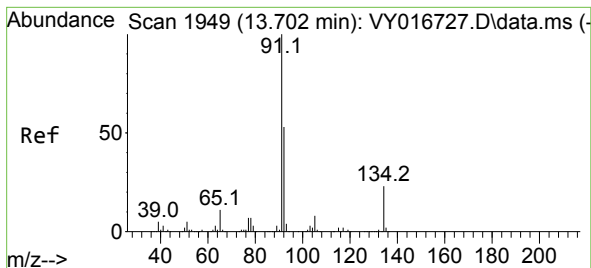
Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.9

148 63.5 31.6 94.7





#89

n-Butylbenzene

Concen: 153.450 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

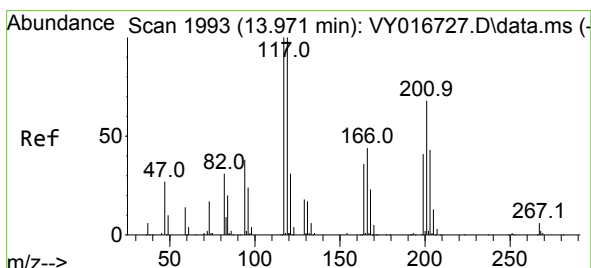
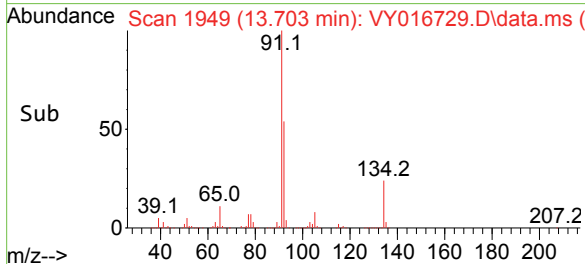
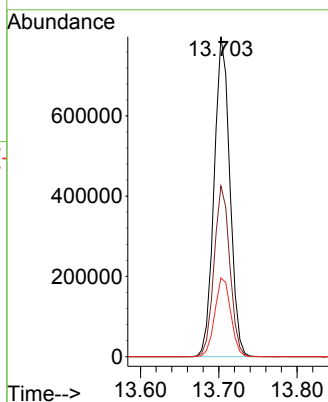
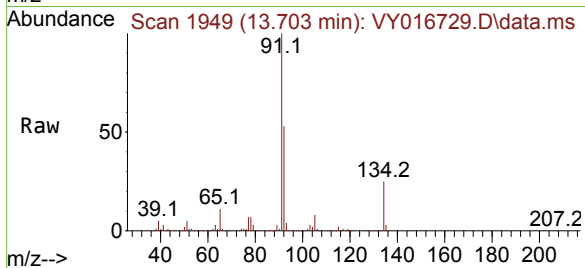
Tgt Ion: 91 Resp: 1113363

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.2

134 25.1 12.3 36.8



#90

Hexachloroethane

Concen: 150.314 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016729.D

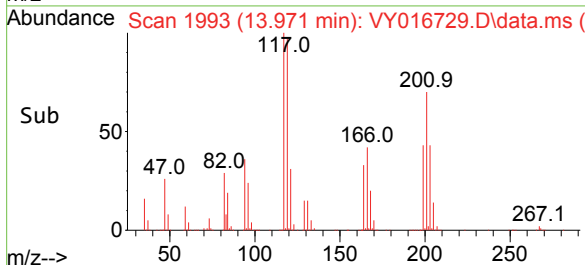
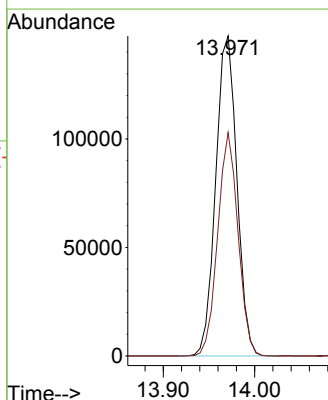
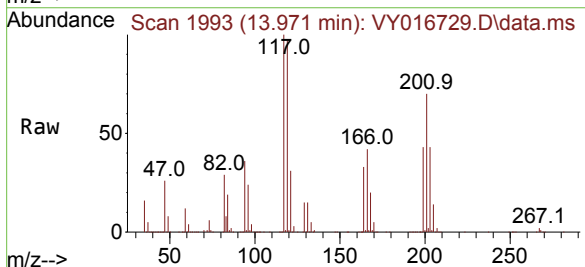
Acq: 20 Dec 2023 16:55

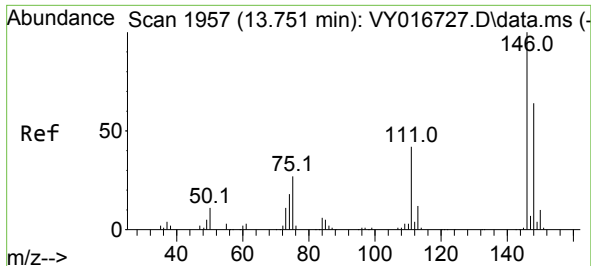
Tgt Ion: 117 Resp: 237567

Ion Ratio Lower Upper

117 100

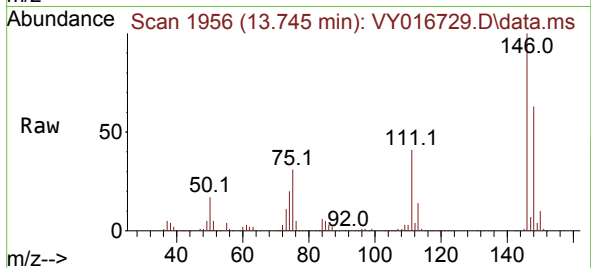
201 67.0 33.4 100.1



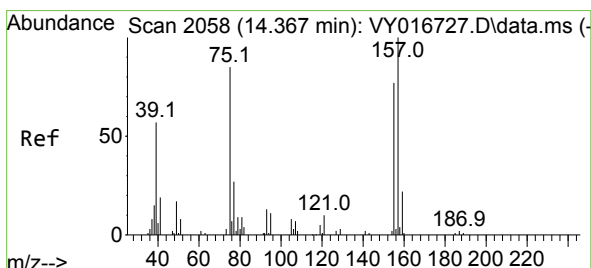
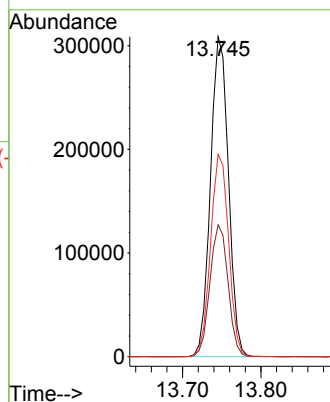
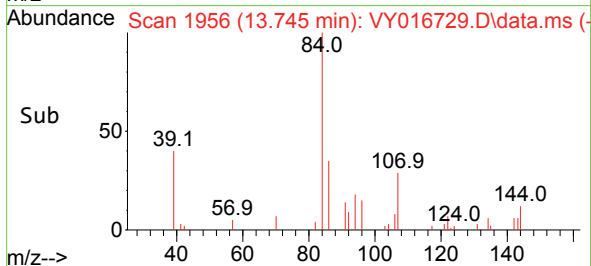


#91
1,2-Dichlorobenzene
Concen: 151.337 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55

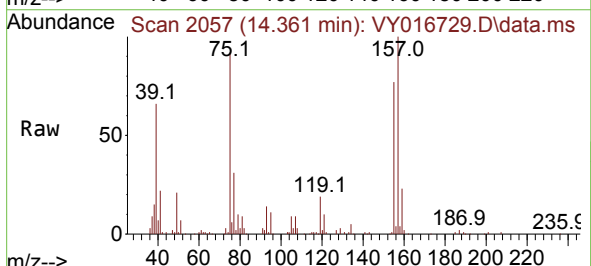
Instrument :
MSVOA_Y
ClientSampleId :



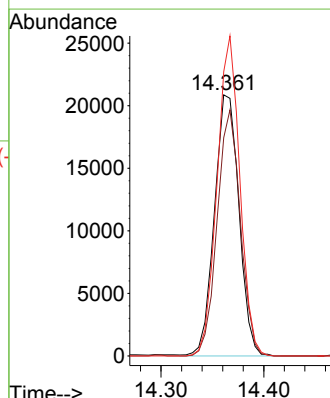
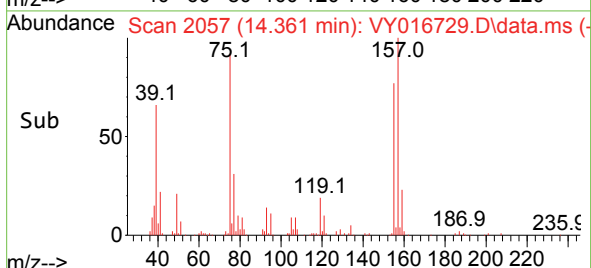
Tgt Ion:146 Resp: 491212
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 63.6 31.4 94.3

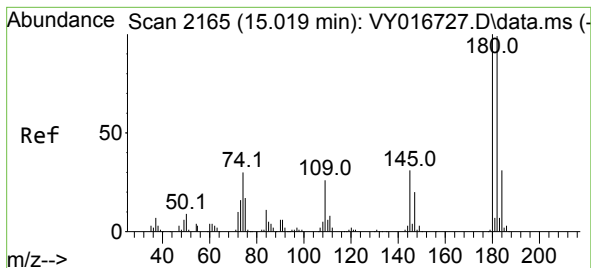


#92
1,2-Dibromo-3-Chloropropane
Concen: 149.430 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016729.D
Acq: 20 Dec 2023 16:55



Tgt Ion: 75 Resp: 34592
Ion Ratio Lower Upper
75 100
155 89.0 42.1 126.3
157 113.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 162.313 ug/l

RT: 15.013 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

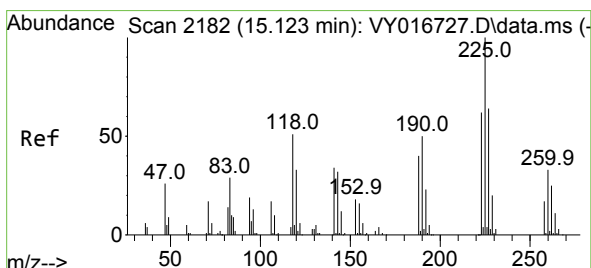
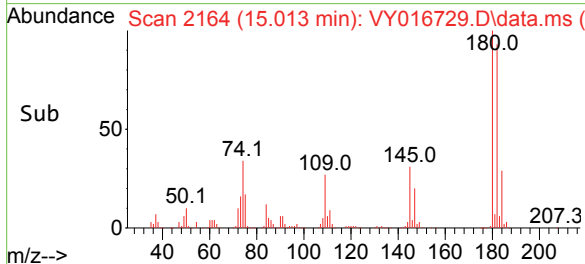
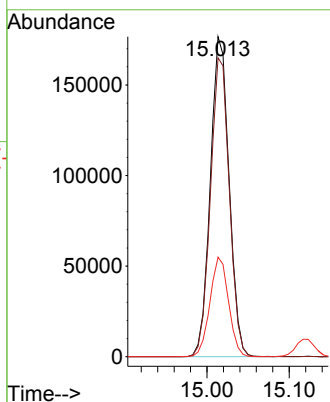
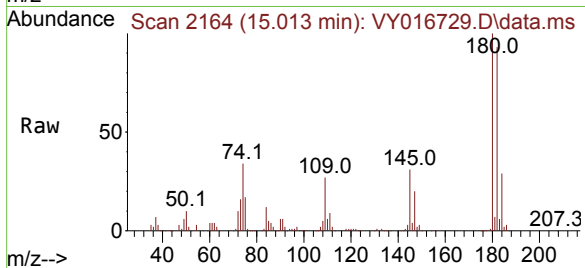
Tgt Ion:180 Resp: 279547

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.7

145 31.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 148.266 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

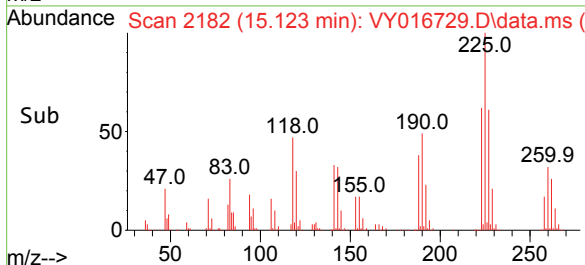
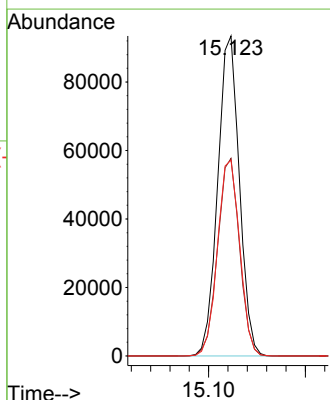
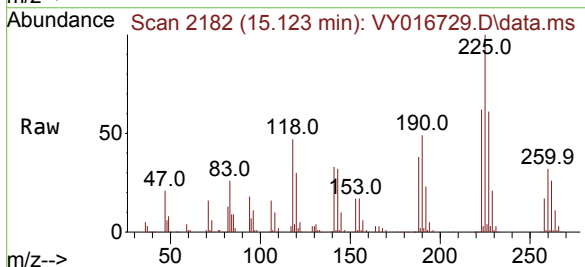
Tgt Ion:225 Resp: 145036

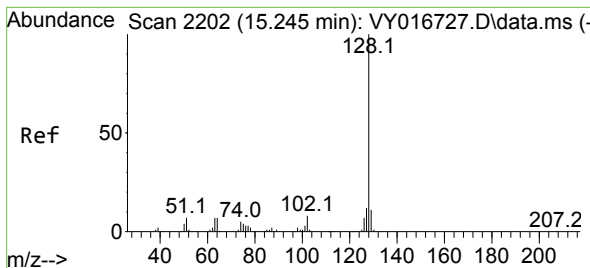
Ion Ratio Lower Upper

225 100

223 62.4 31.4 94.3

227 63.0 32.3 96.8





#95

Naphthalene

Concen: 147.680 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Instrument :

MSVOA_Y

ClientSampleId :

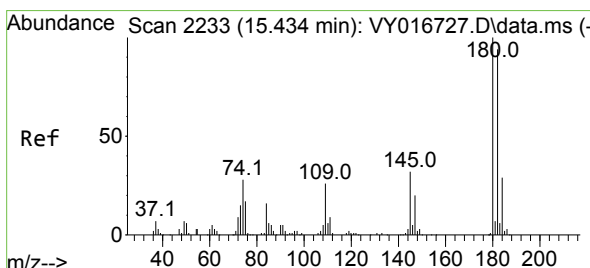
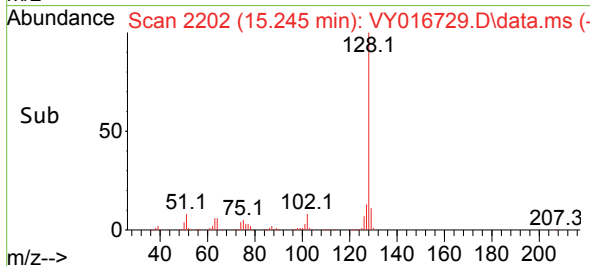
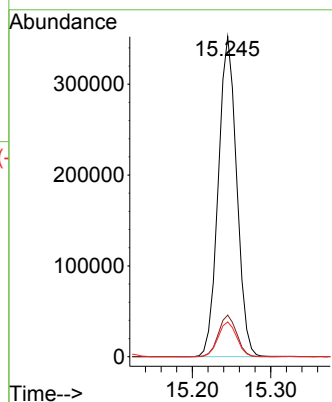
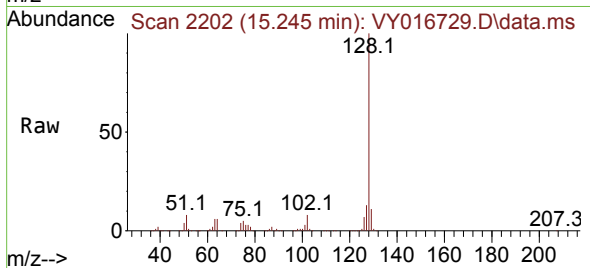
Tgt Ion:128 Resp: 575579

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 162.092 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016729.D

Acq: 20 Dec 2023 16:55

Tgt Ion:180 Resp: 237759

Ion Ratio Lower Upper

180 100

182 94.0 46.3 138.8

145 32.1 16.1 48.2

